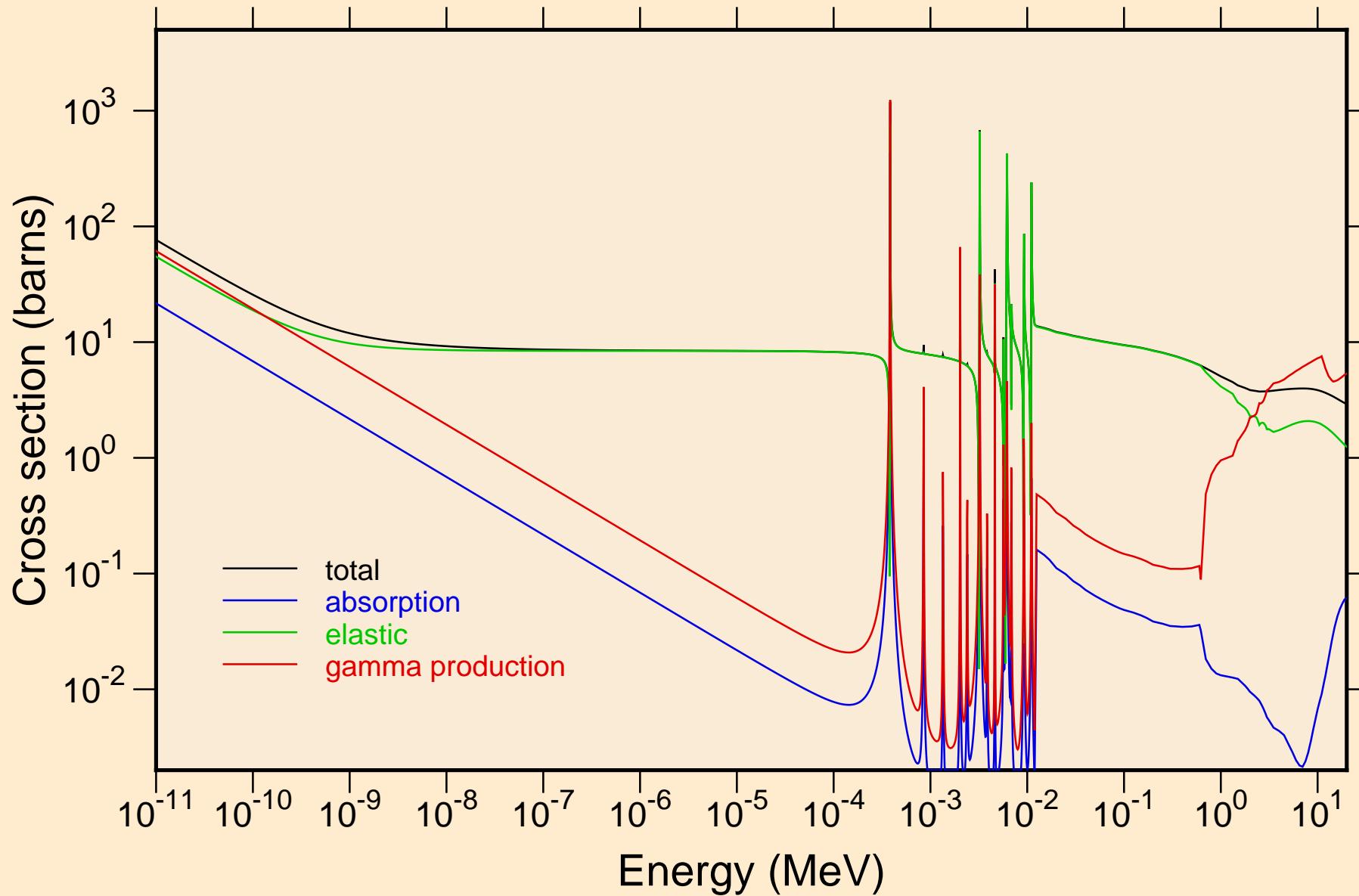
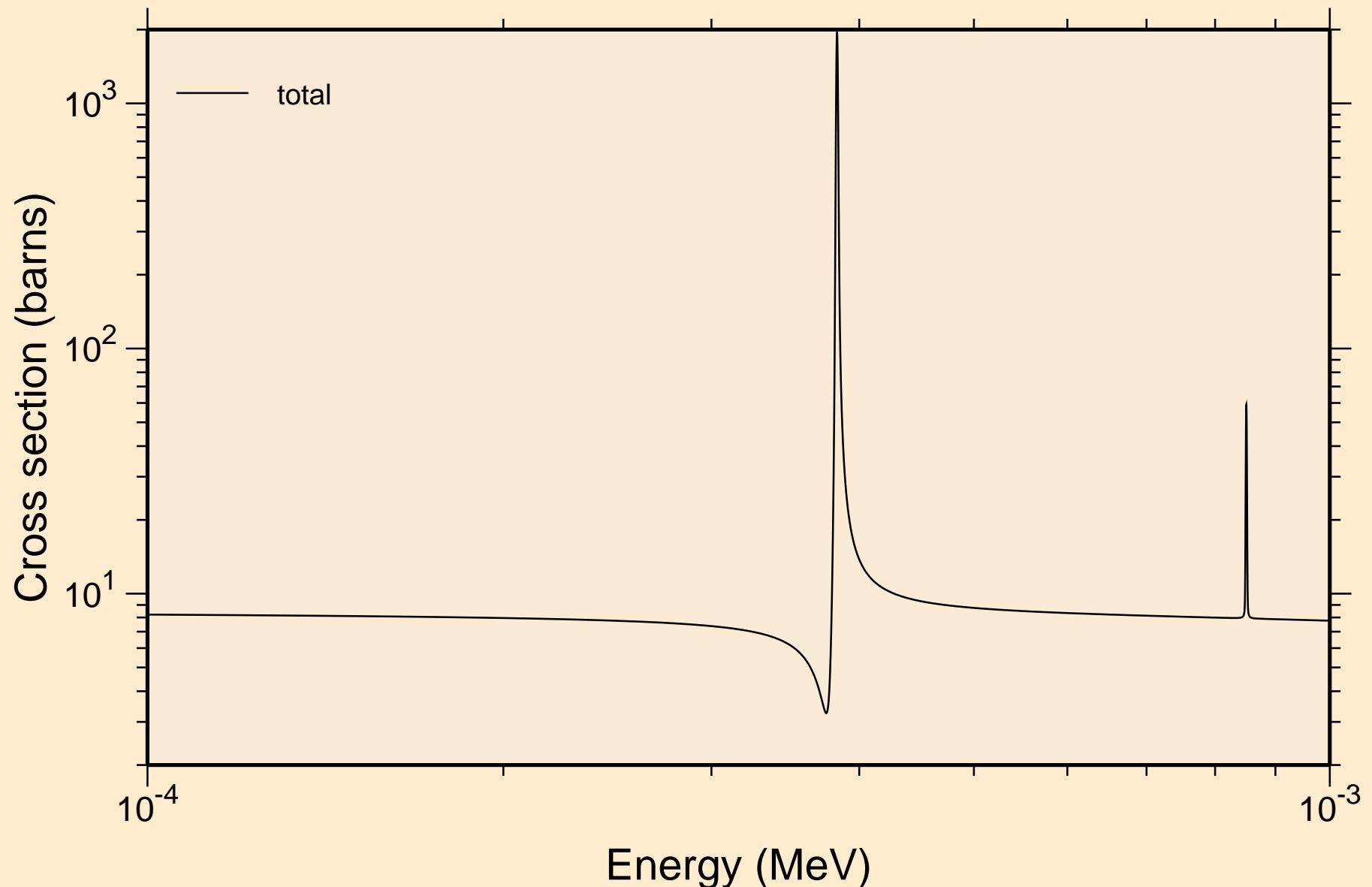


# JENDL-4 SE-78

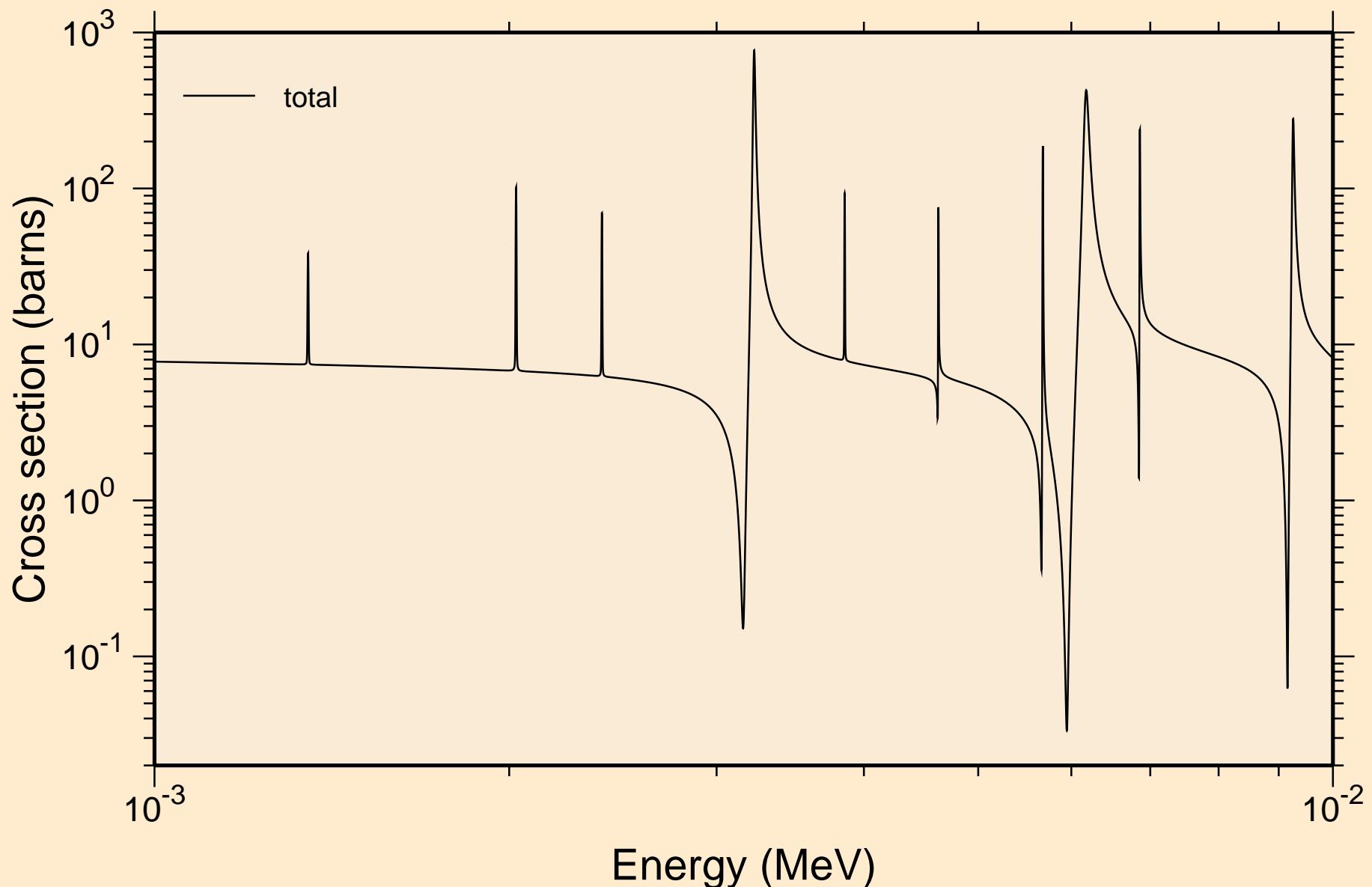
## Principal cross sections



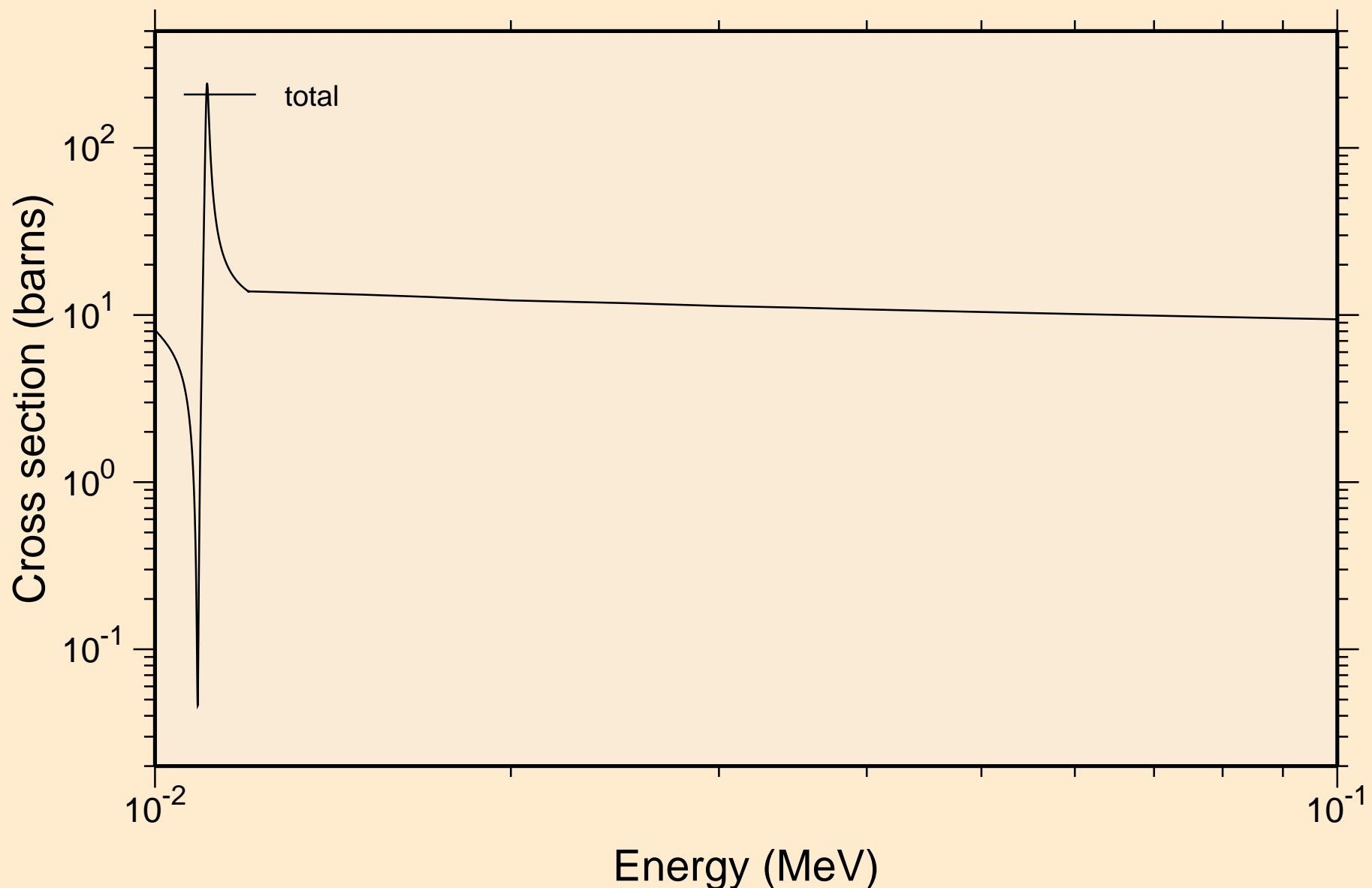
JENDL-4 SE-78  
resonance total cross section



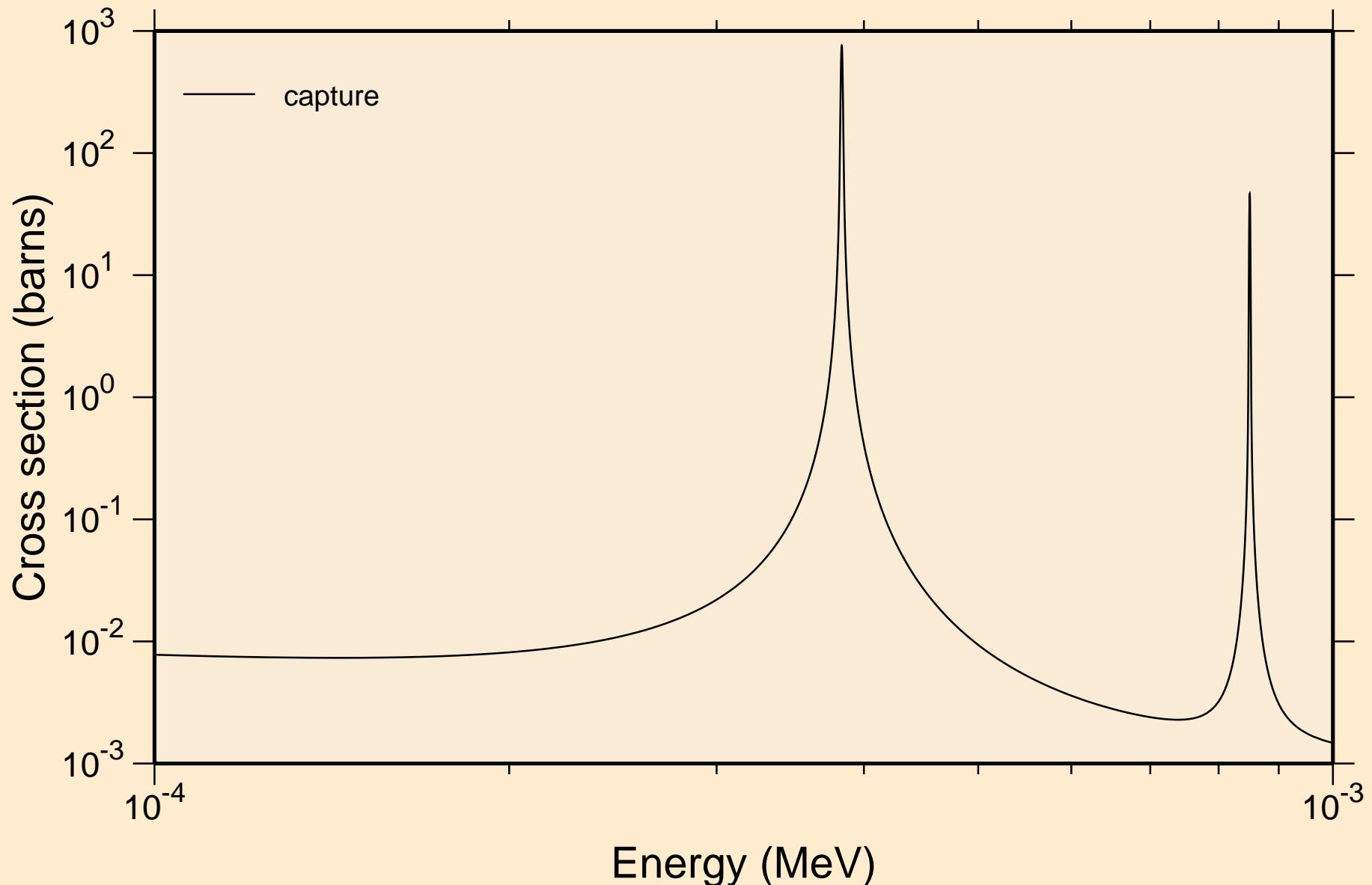
JENDL-4 SE-78  
resonance total cross section



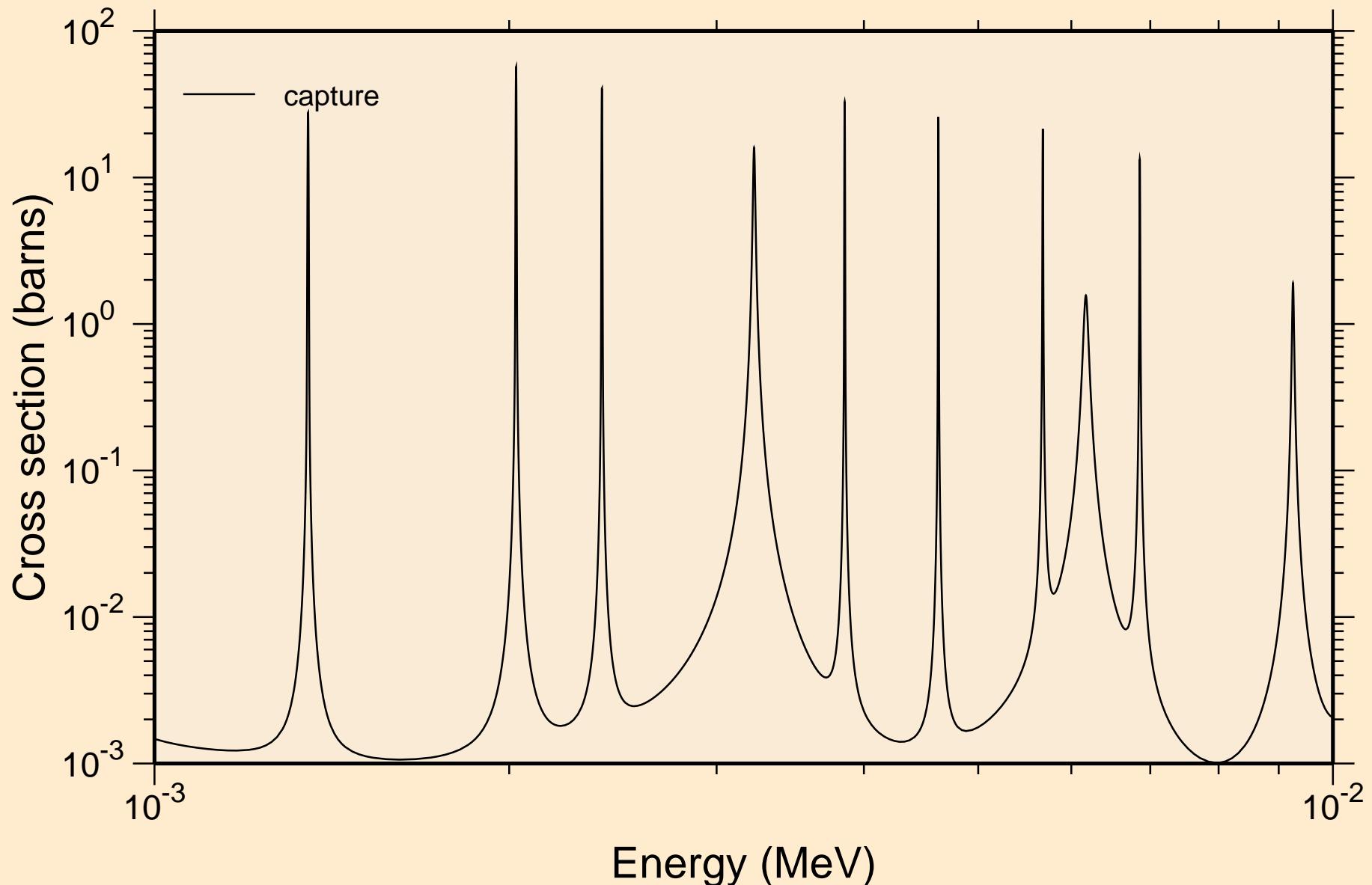
JENDL-4 SE-78  
resonance total cross section



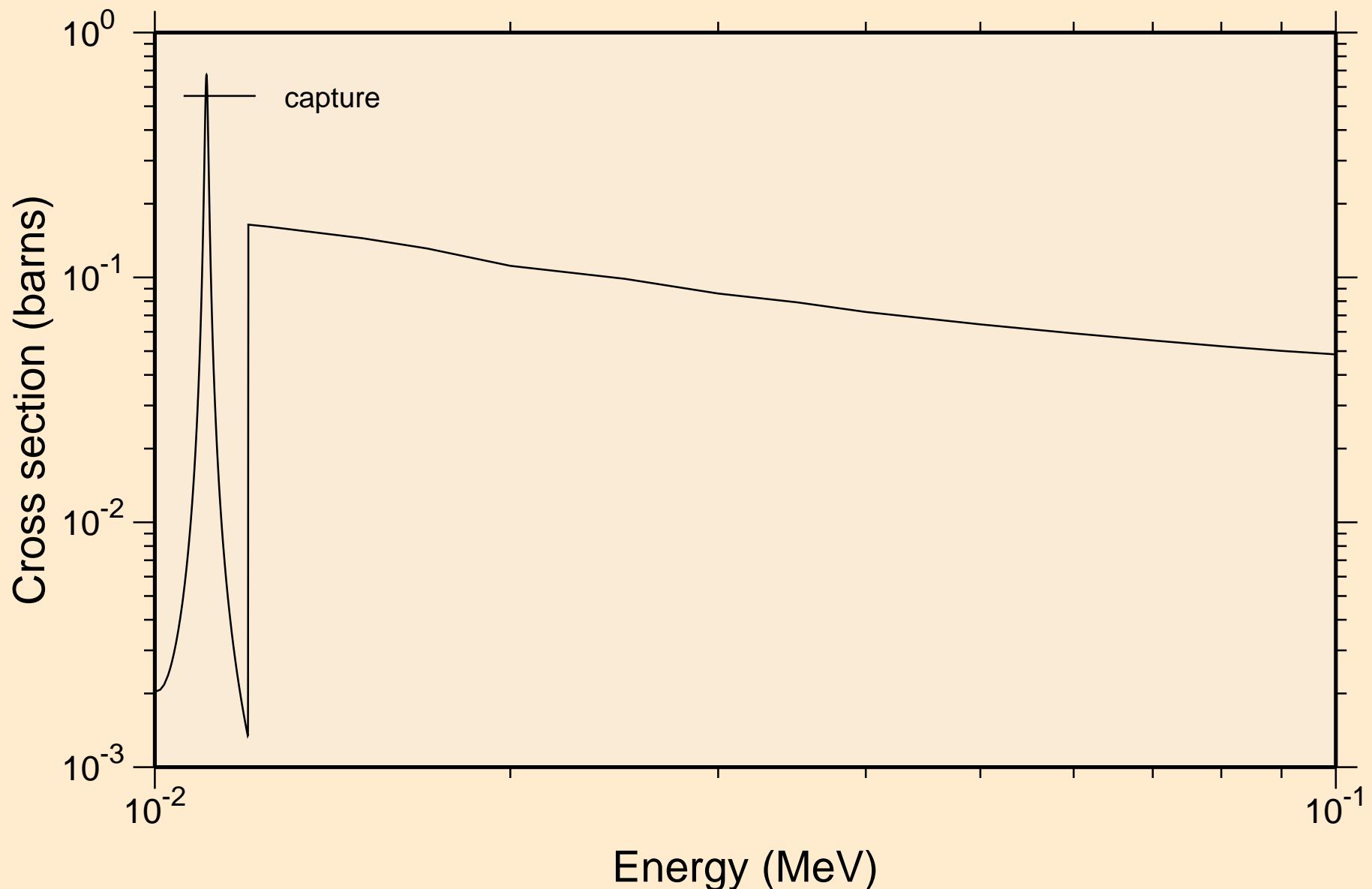
JENDL-4 SE-78  
resonance absorption cross sections



JENDL-4 SE-78  
resonance absorption cross sections

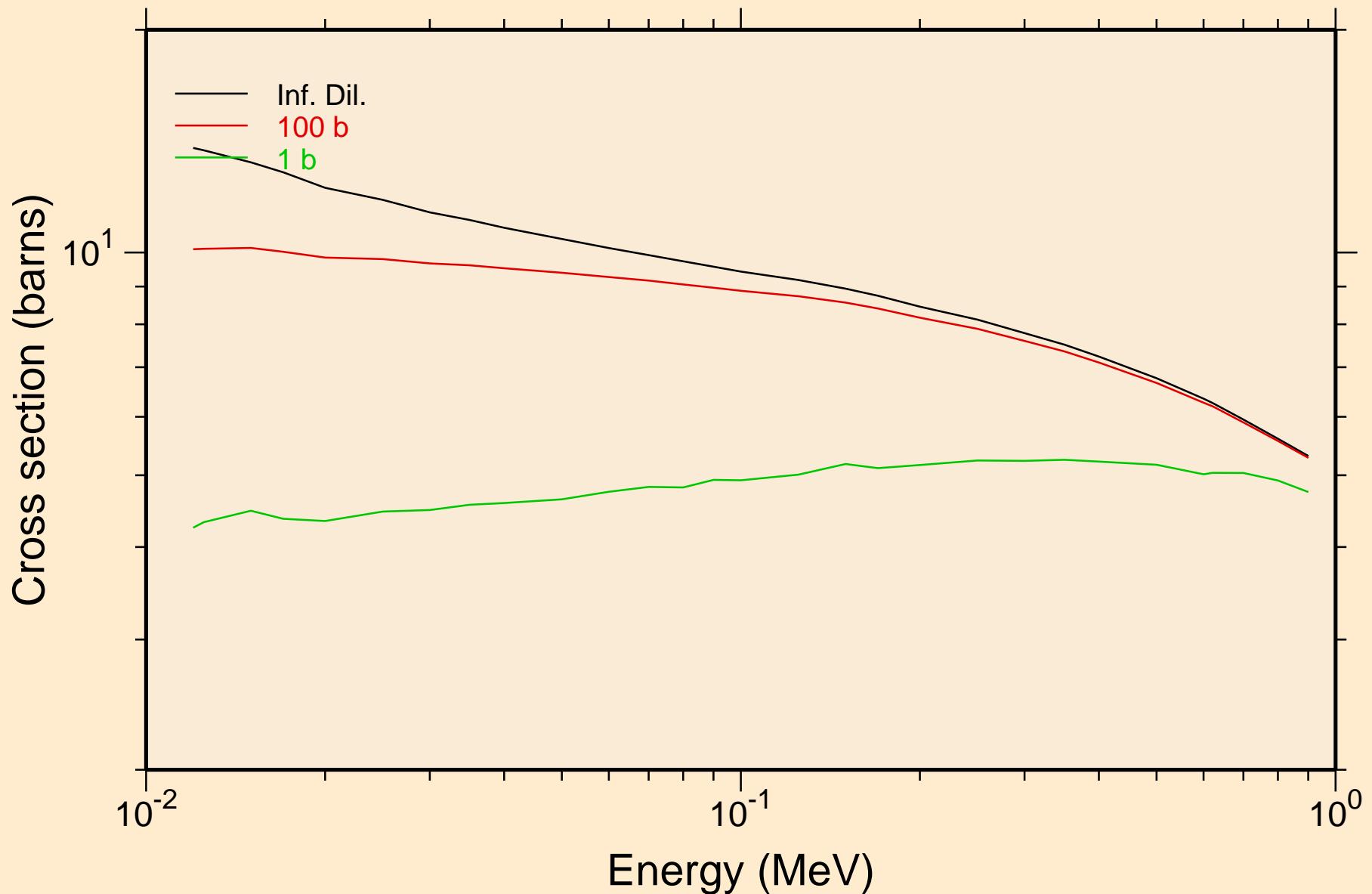


JENDL-4 SE-78  
resonance absorption cross sections



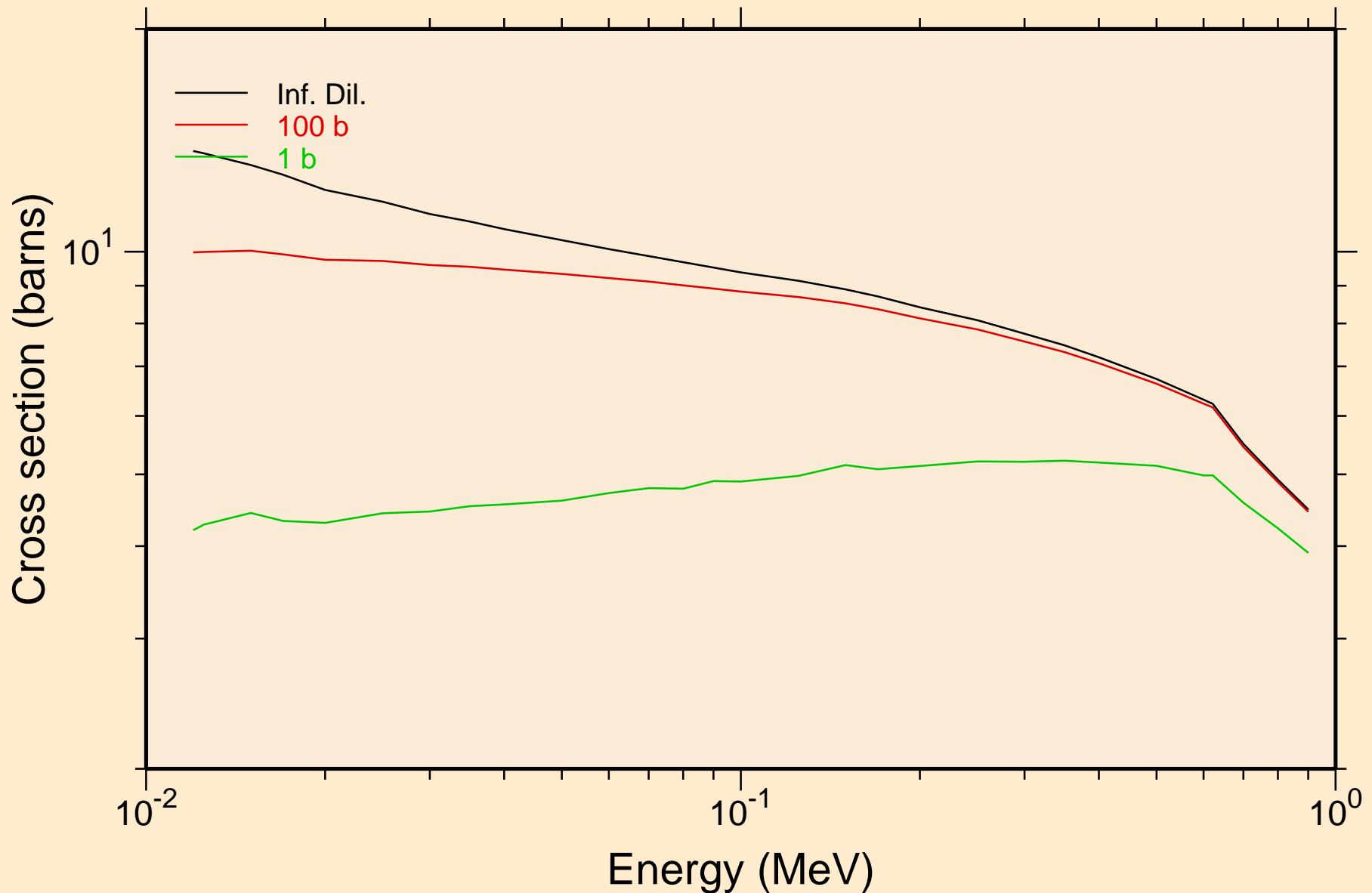
# JENDL-4 SE-78

## UR total cross section



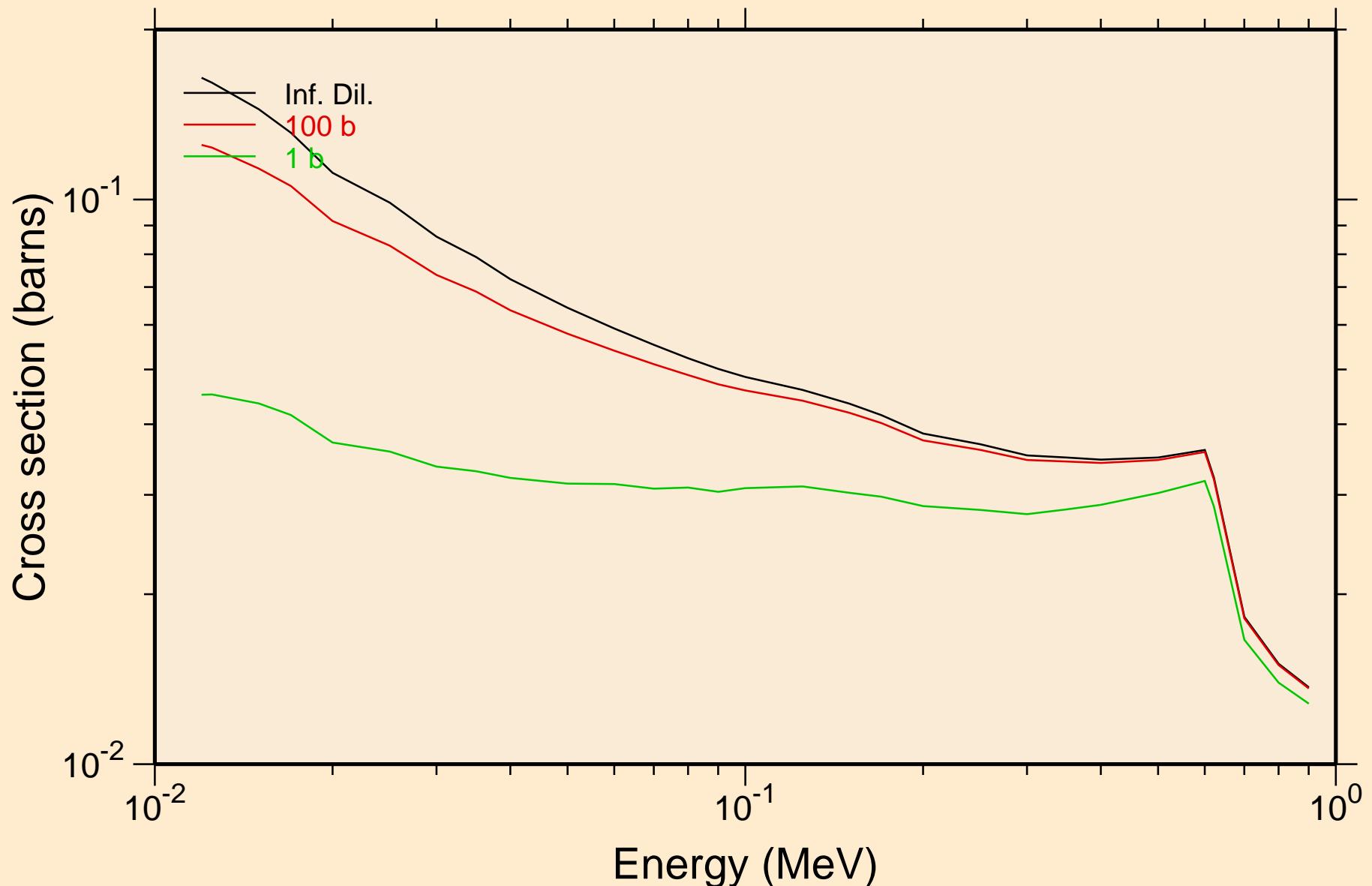
# JENDL-4 SE-78

## UR elastic cross section

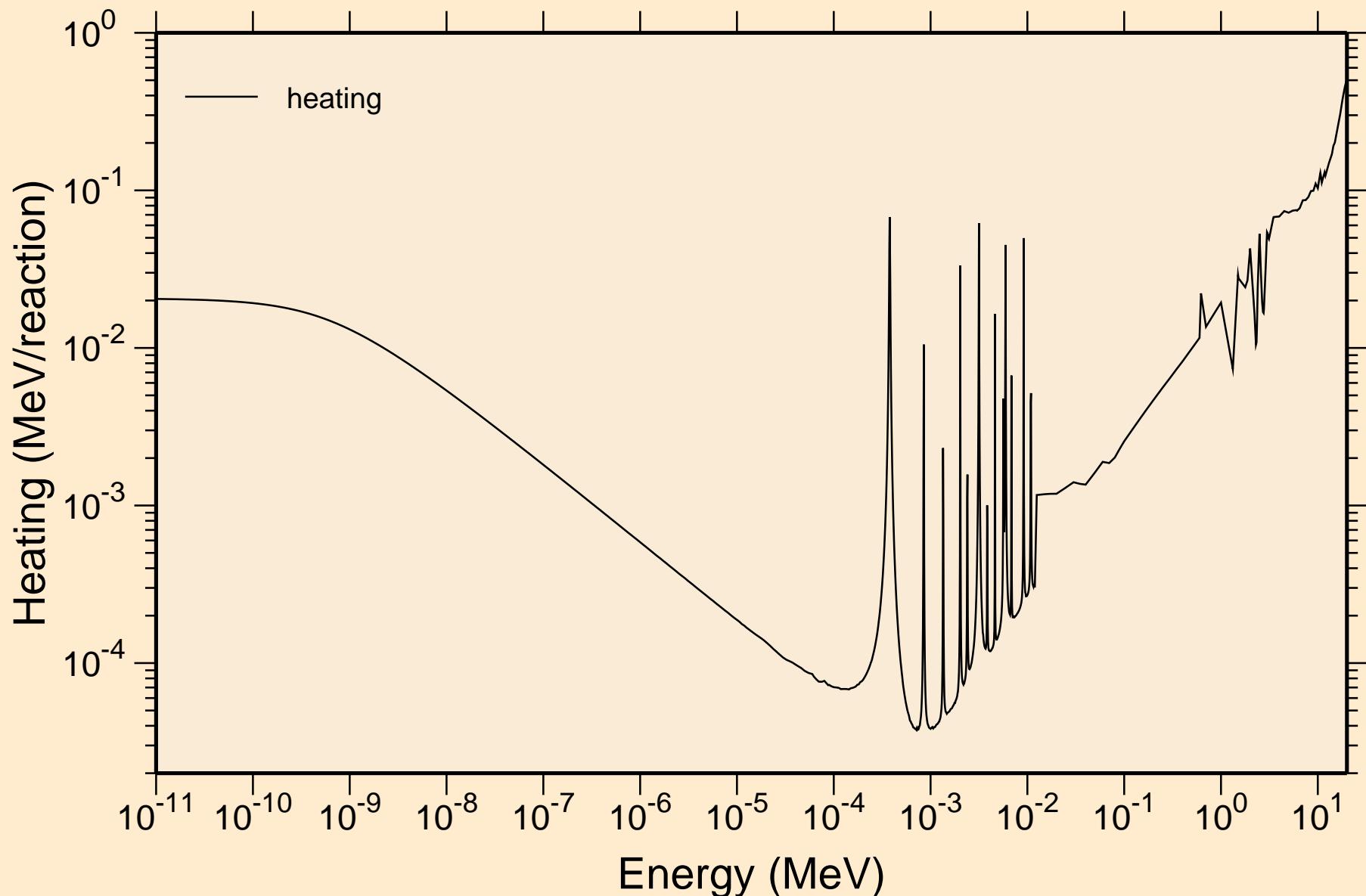


# JENDL-4 SE-78

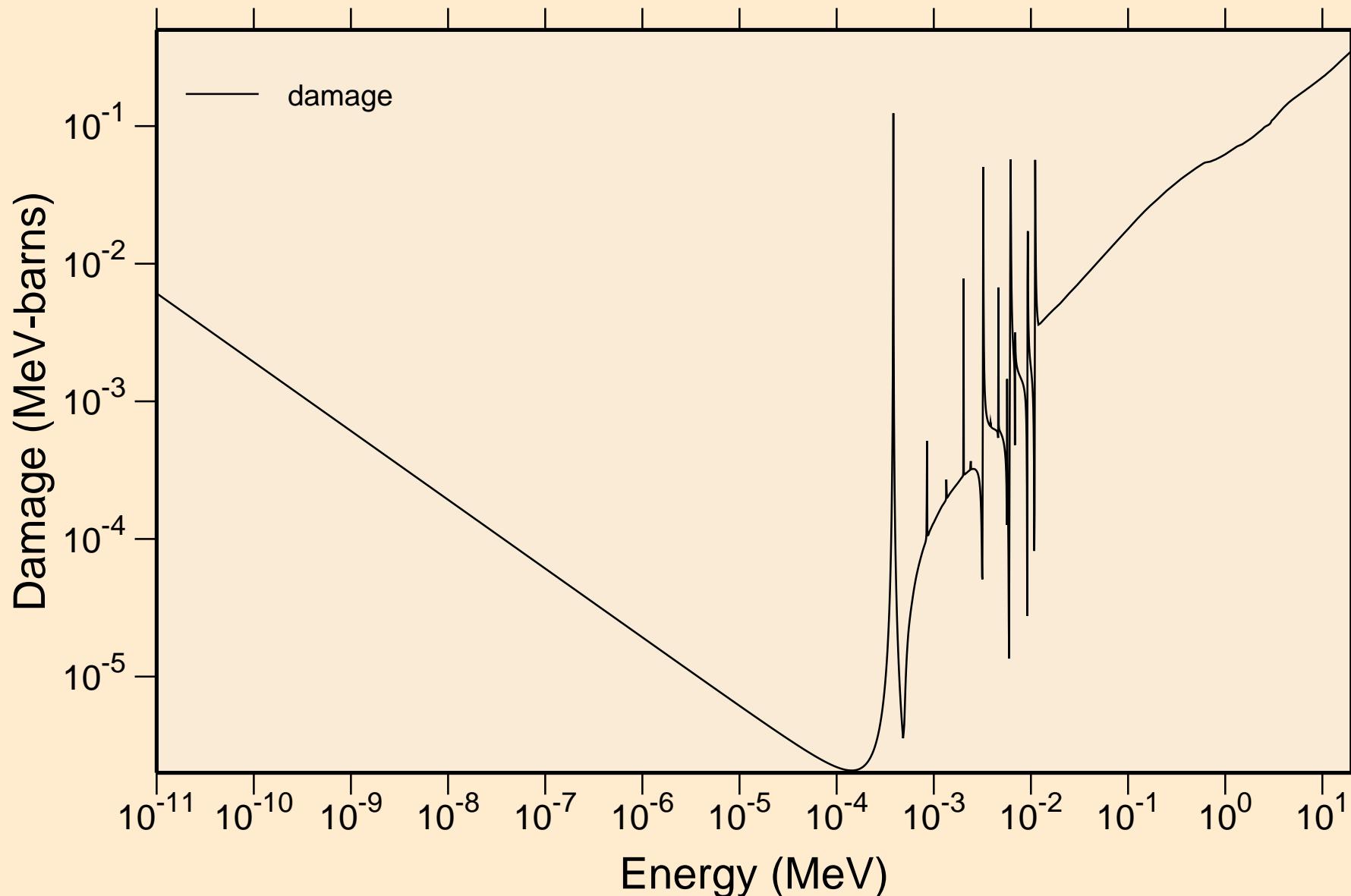
## UR capture cross section



JENDL-4 SE-78  
Heating

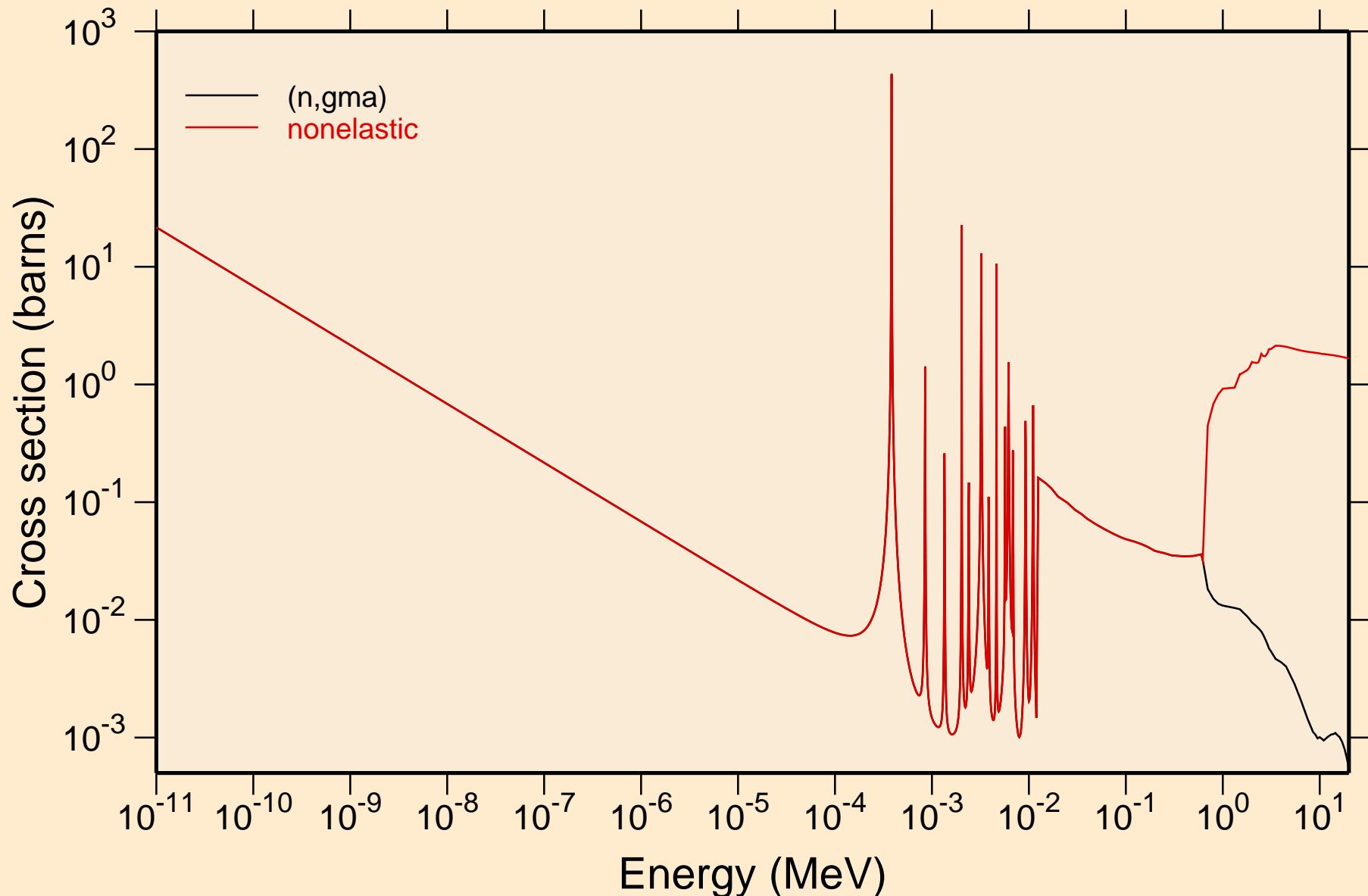


JENDL-4 SE-78  
Damage

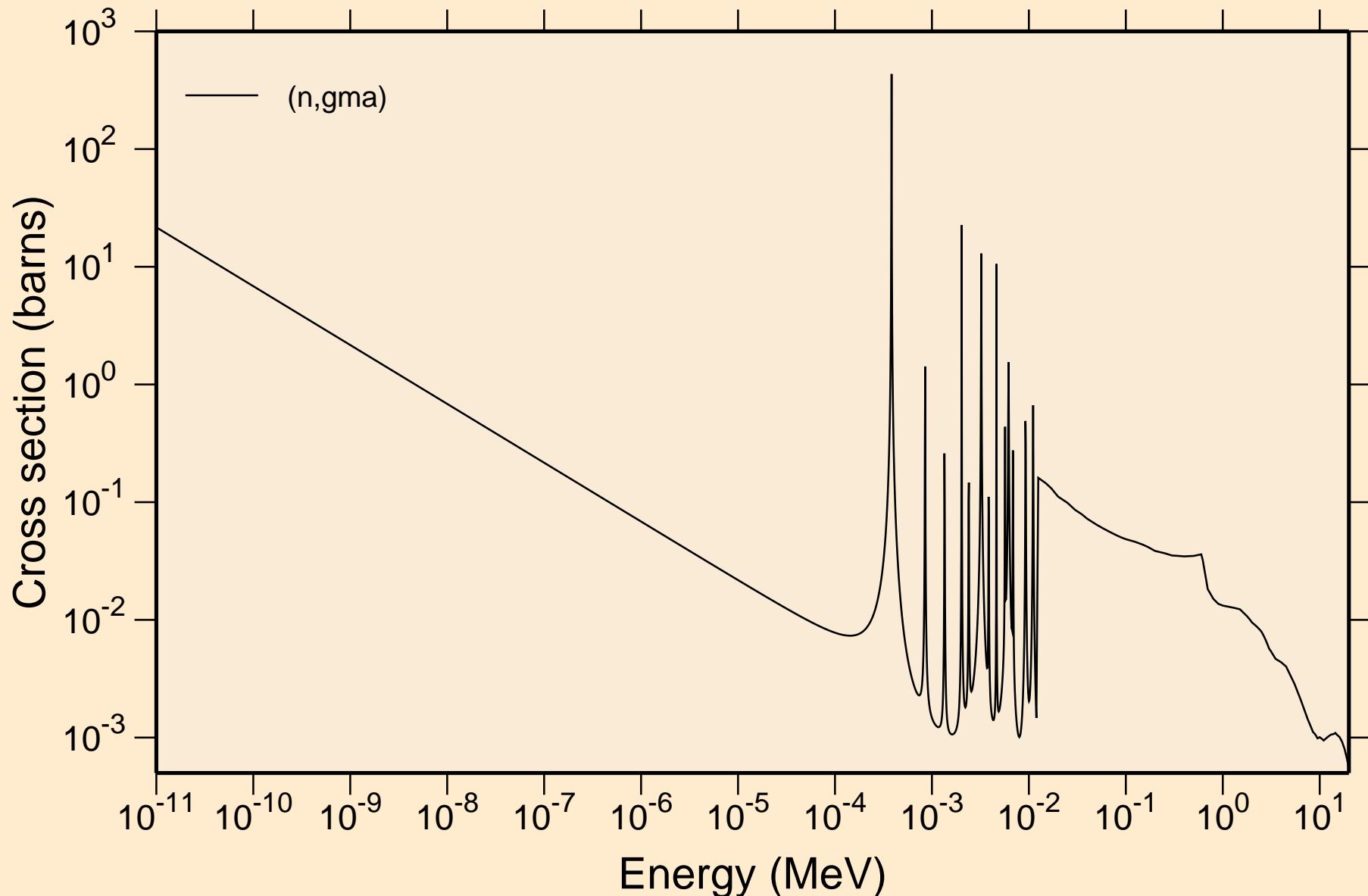


# JENDL-4 SE-78

## Non-threshold reactions

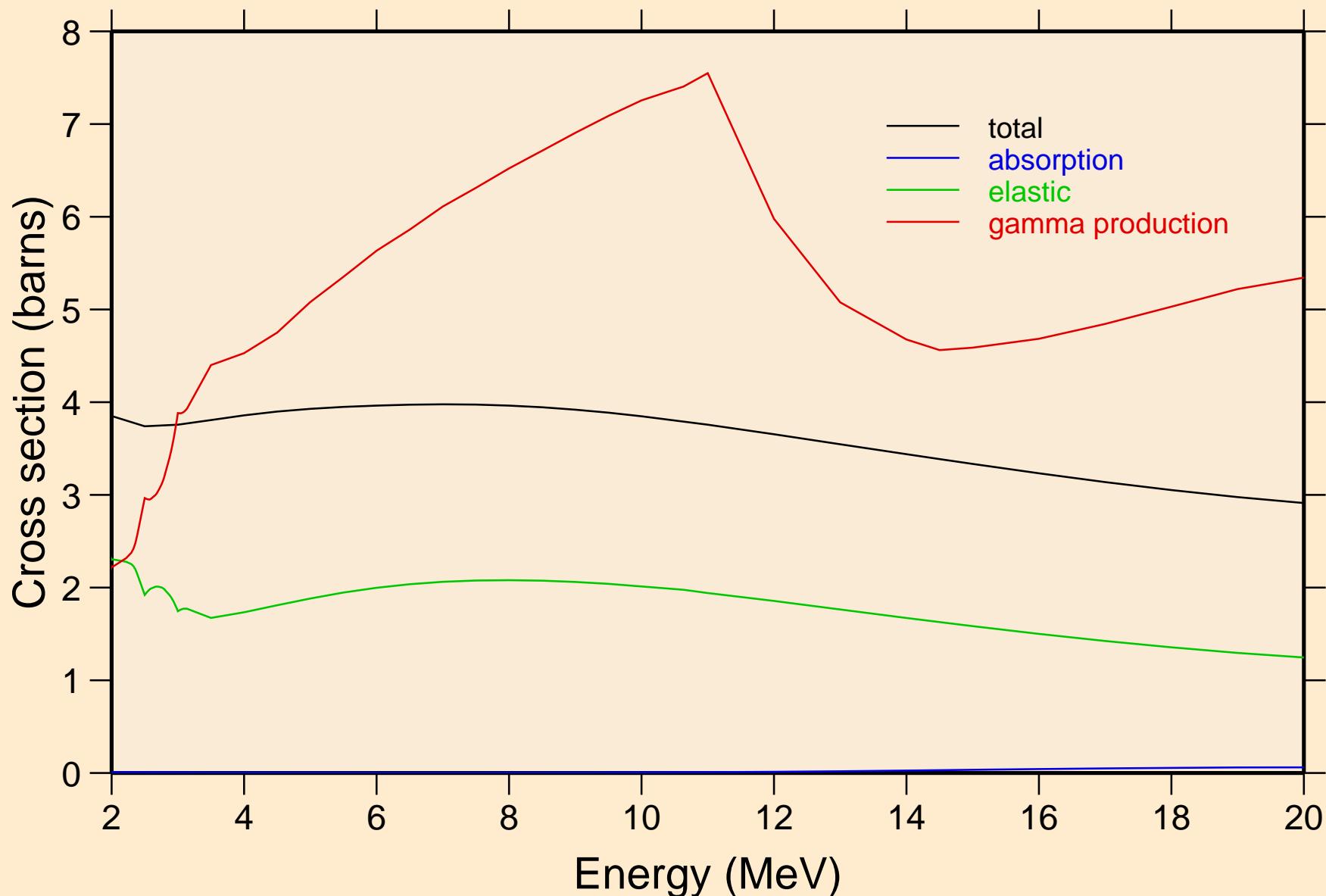


JENDL-4 SE-78  
Non-threshold reactions

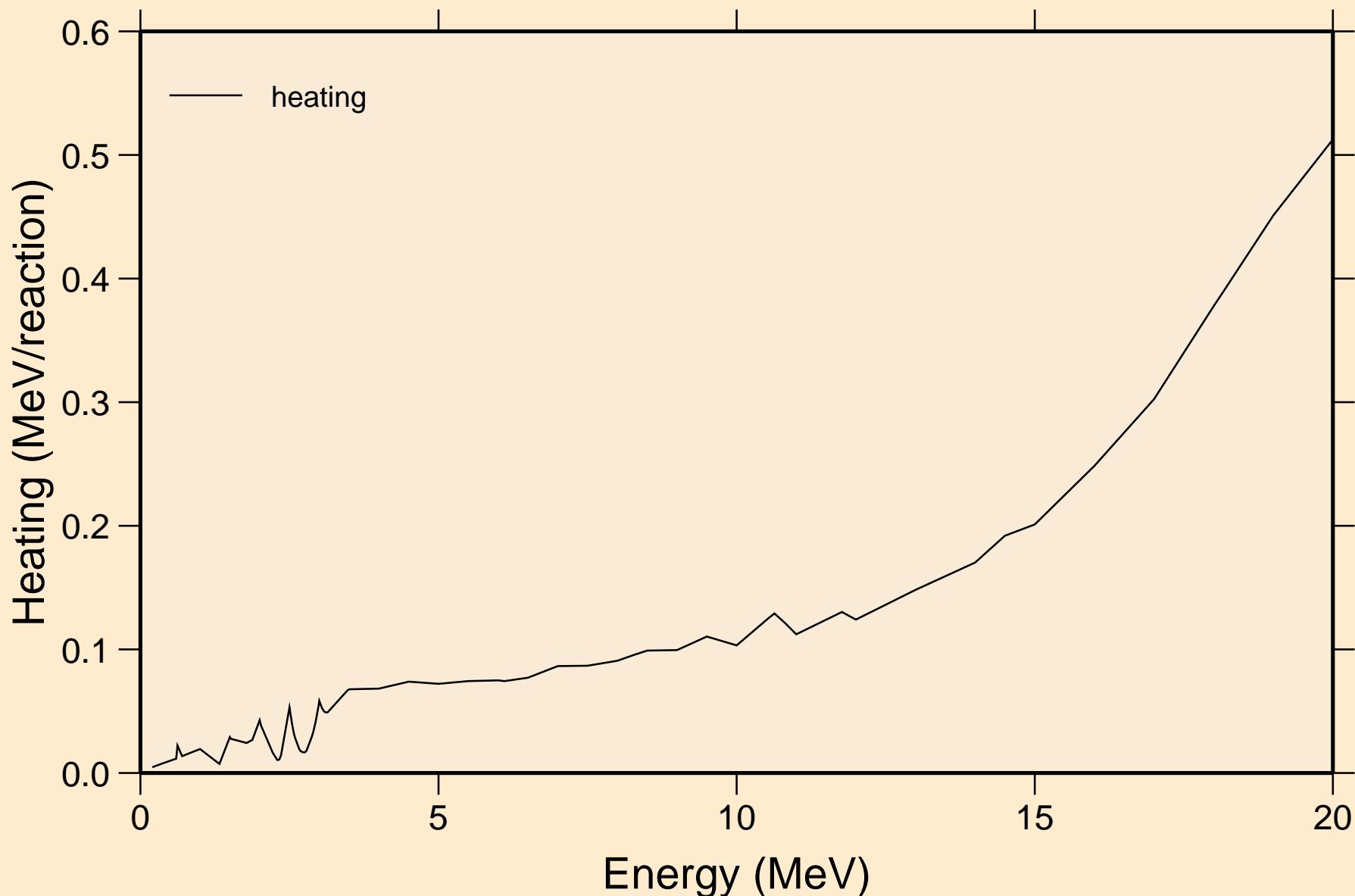


# JENDL-4 SE-78

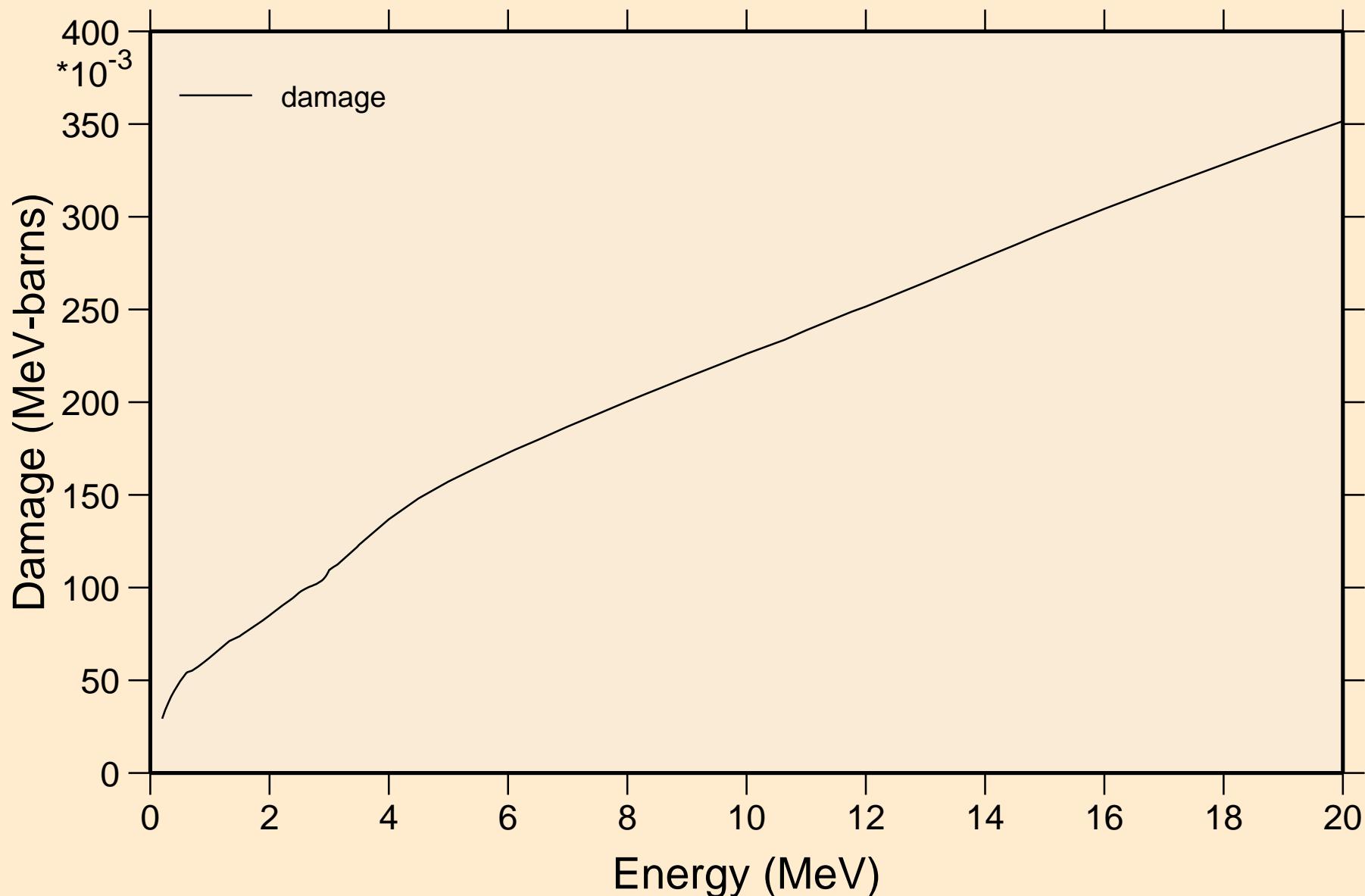
## Principal cross sections



JENDL-4 SE-78  
Heating

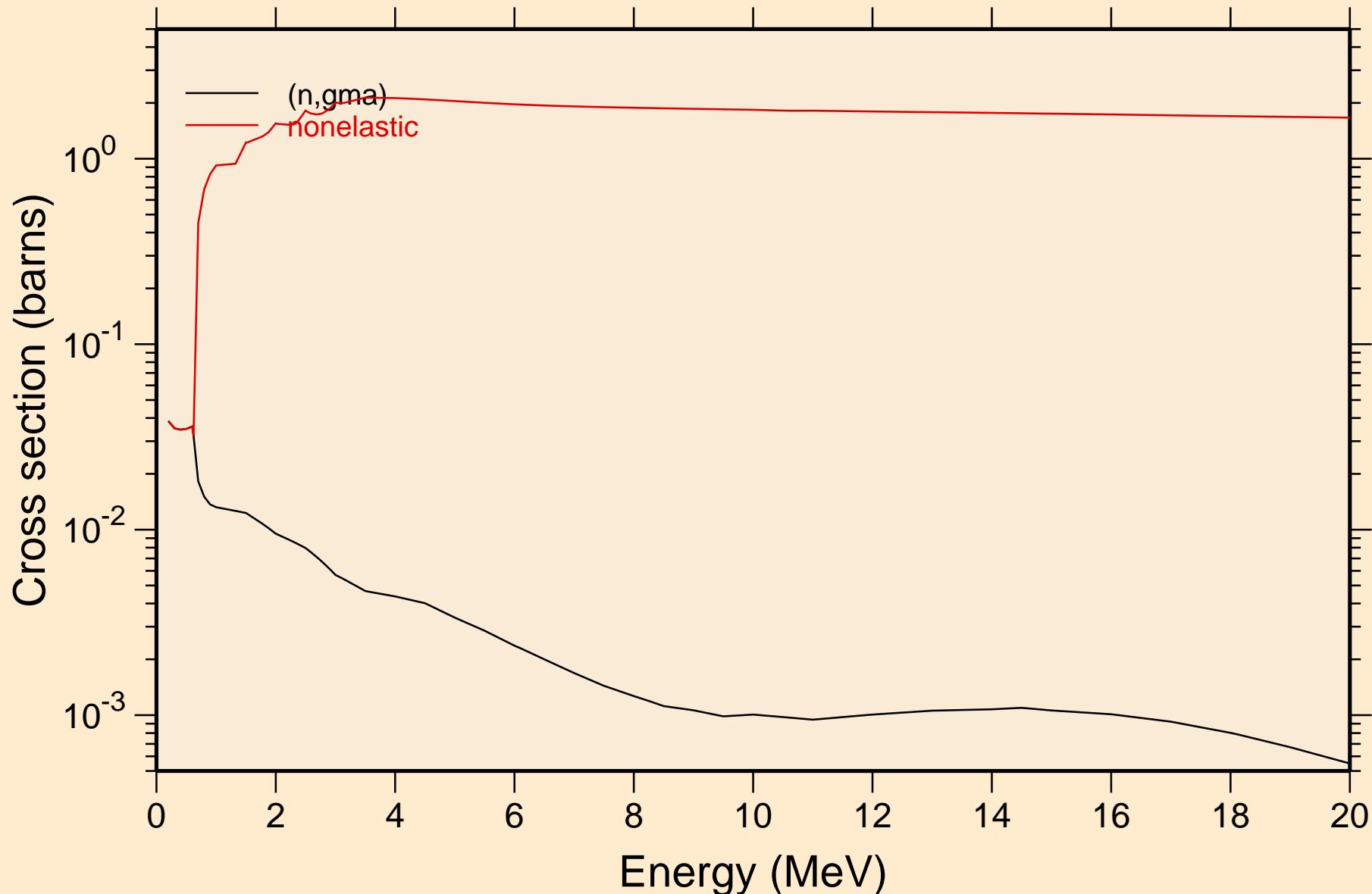


JENDL-4 SE-78  
Damage

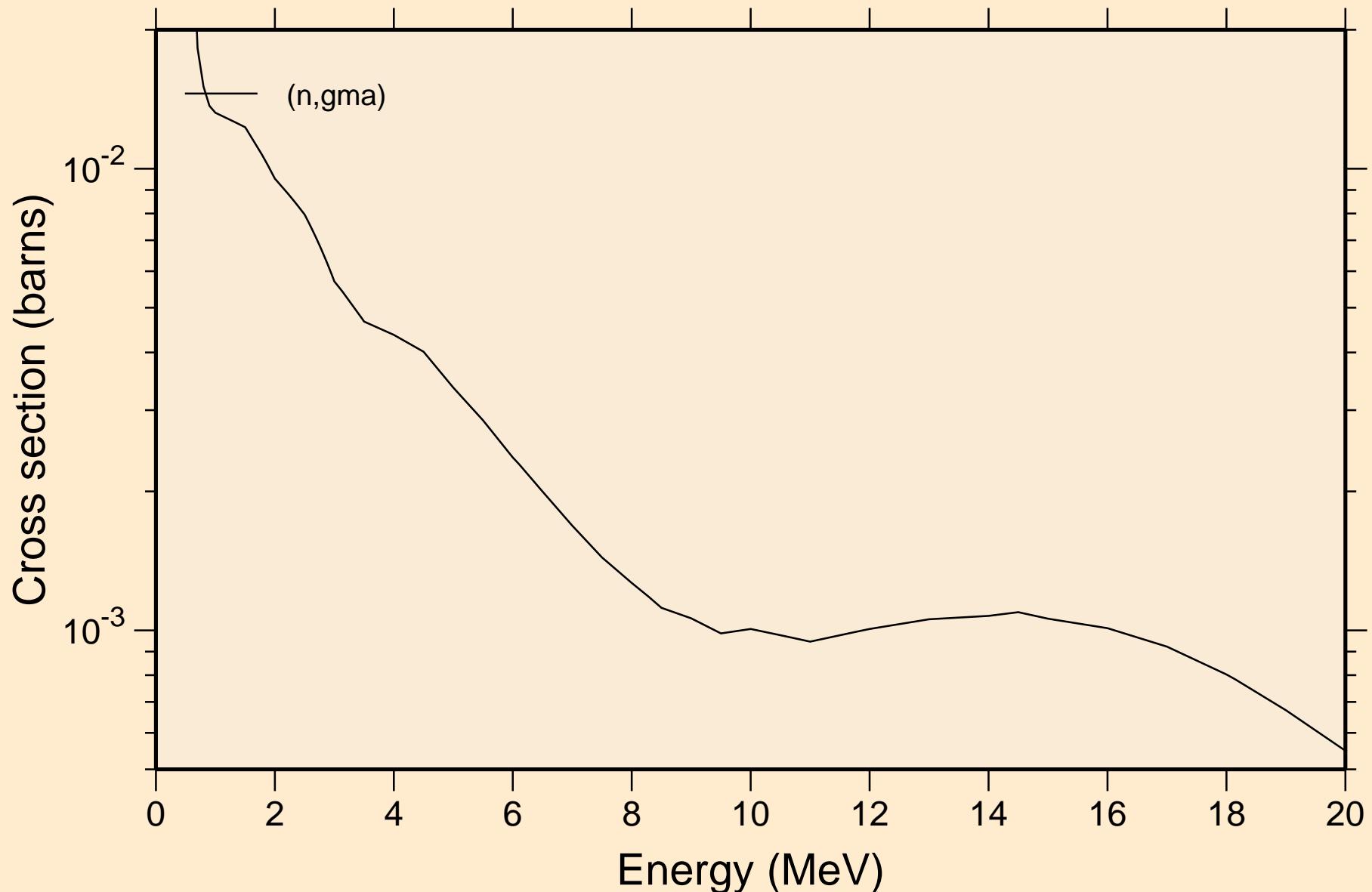


# JENDL-4 SE-78

## Non-threshold reactions

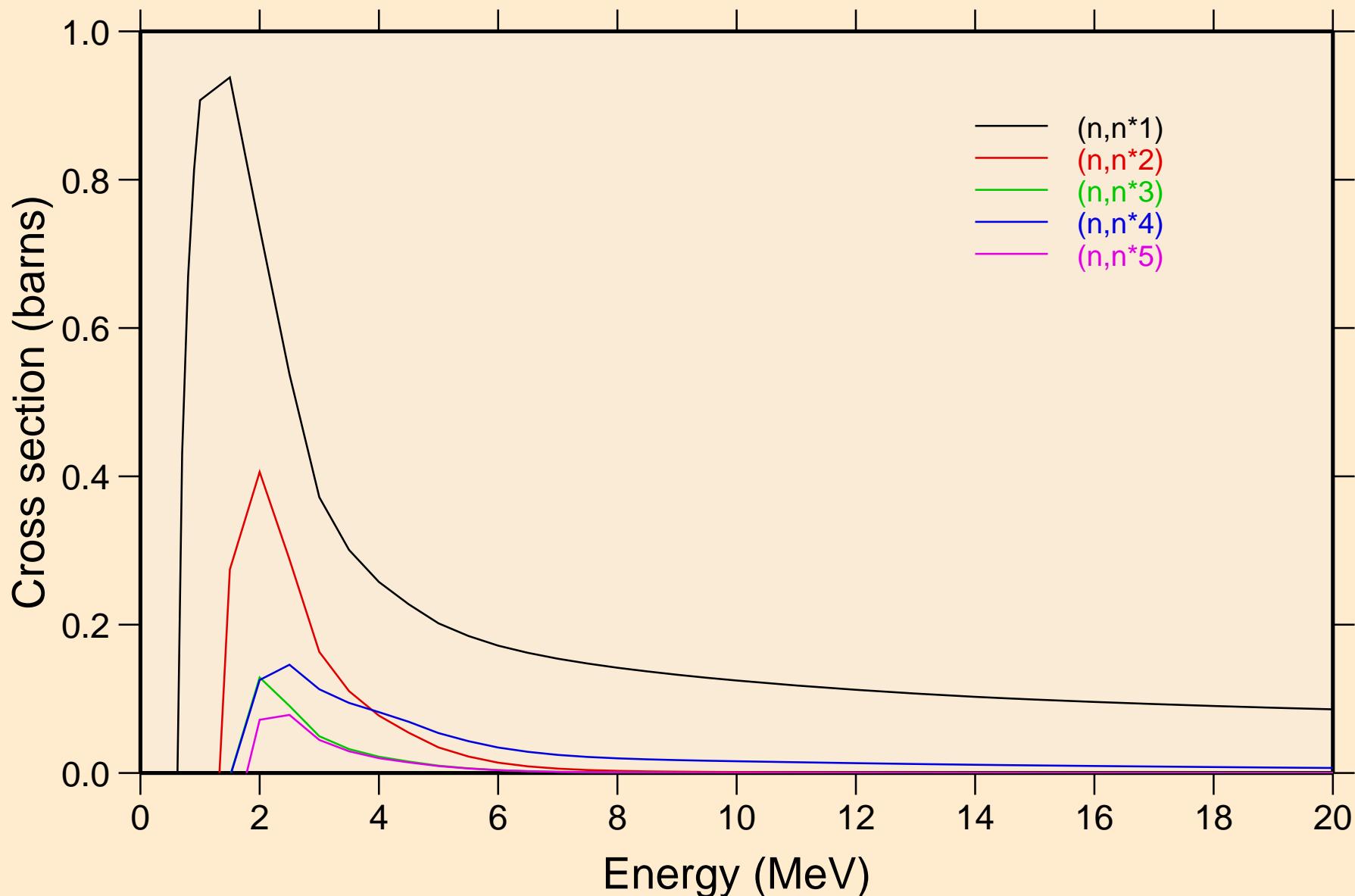


JENDL-4 SE-78  
Non-threshold reactions



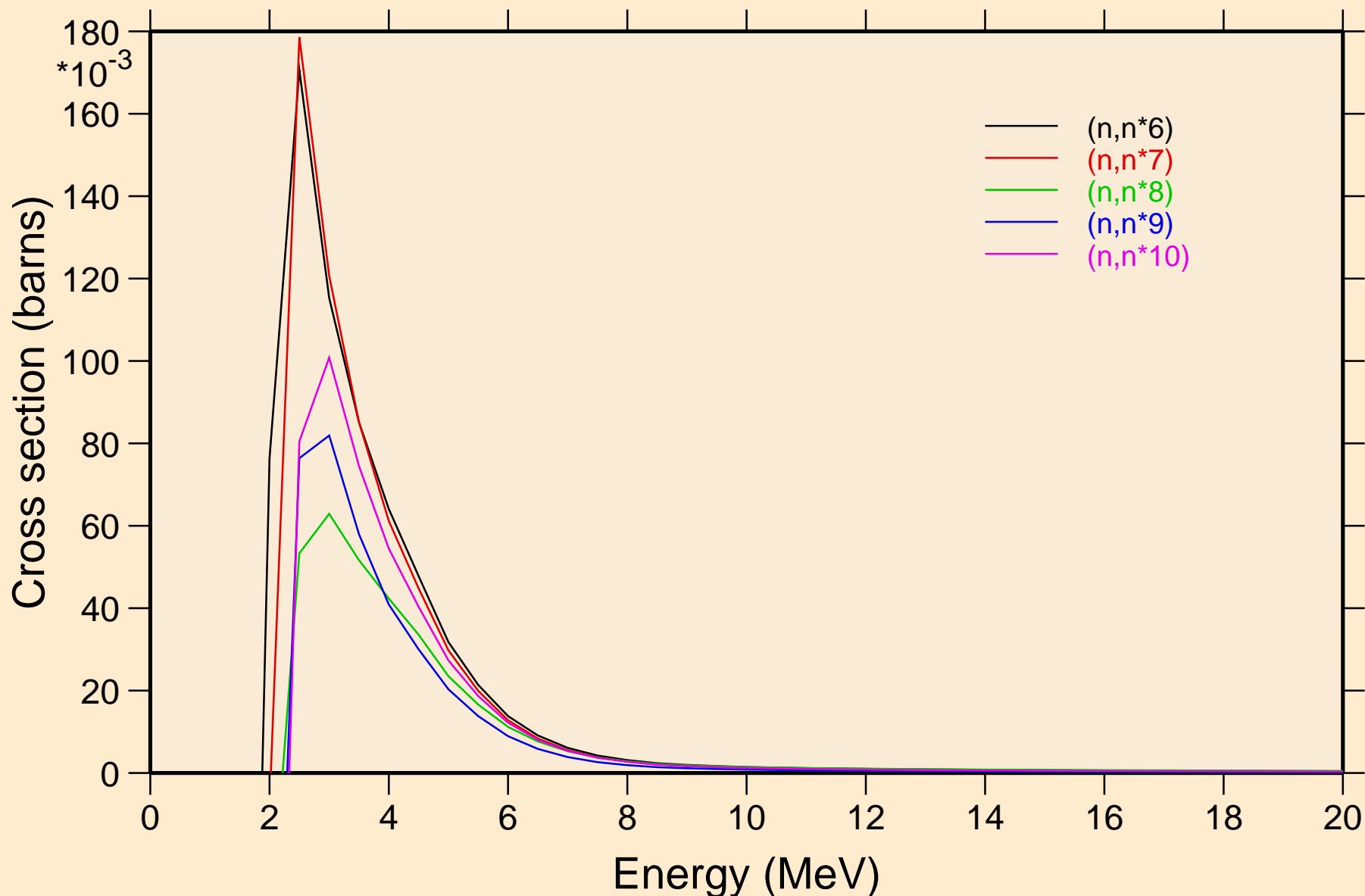
# JENDL-4 SE-78

## Inelastic levels

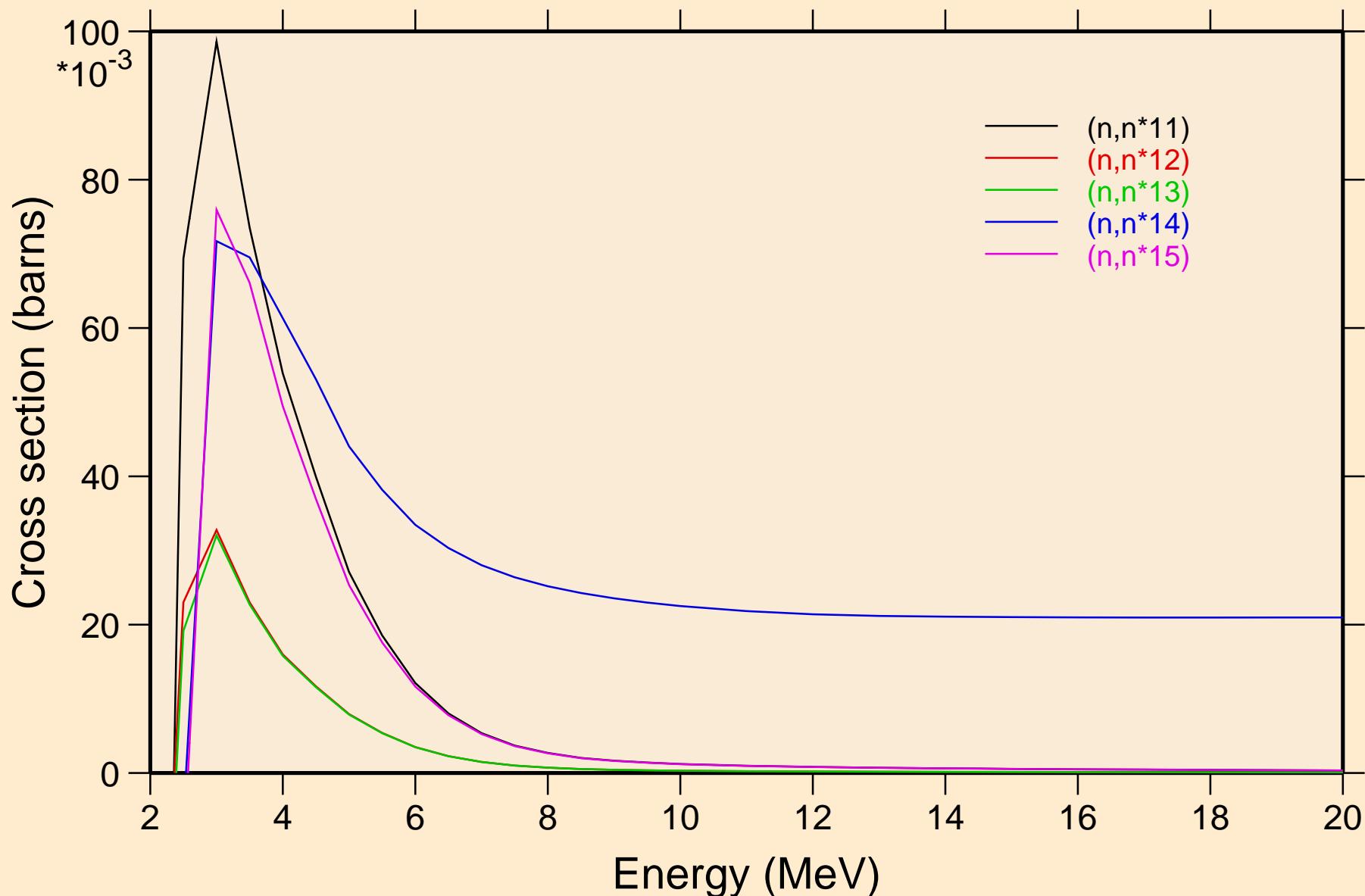


# JENDL-4 SE-78

## Inelastic levels

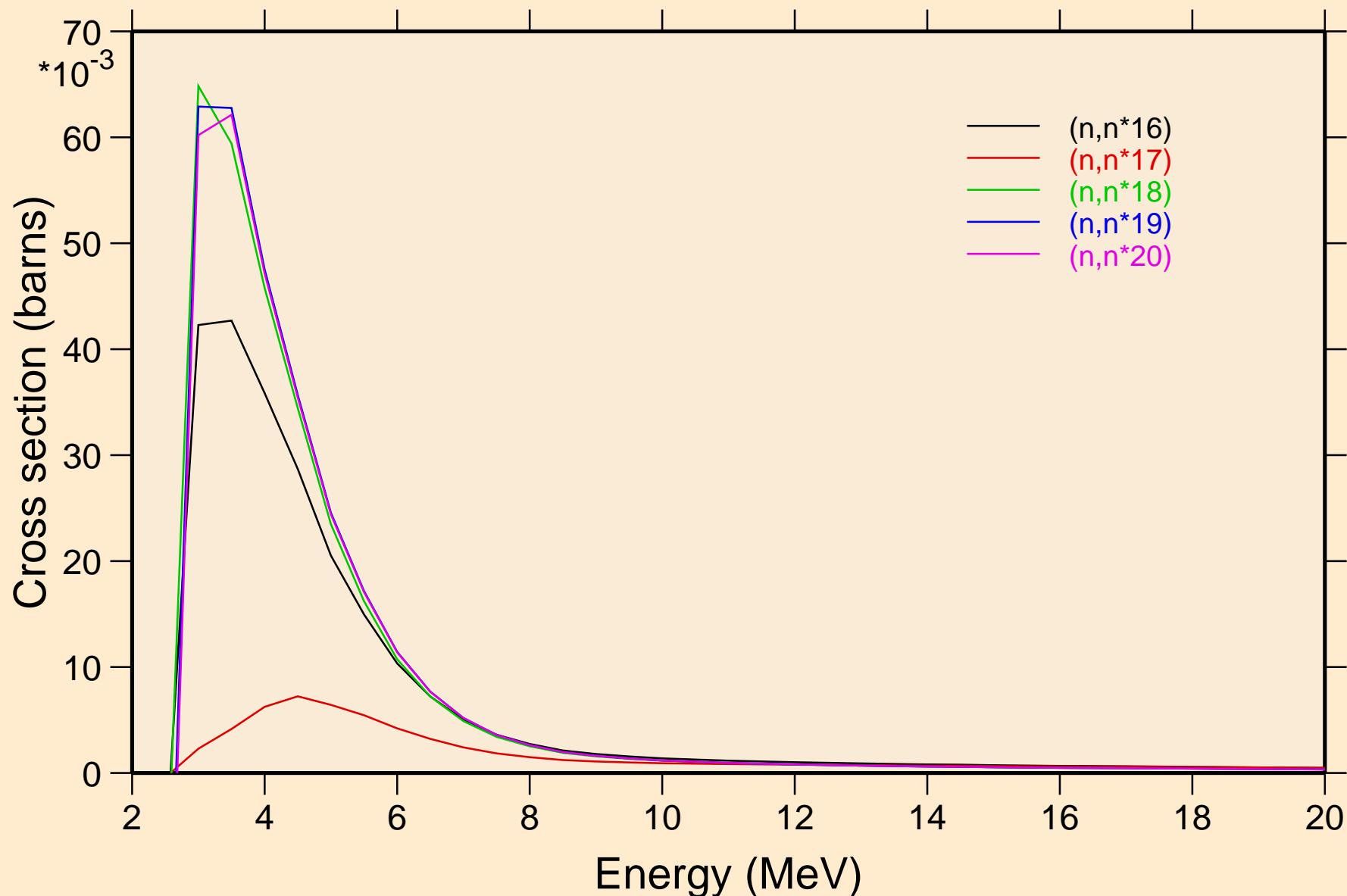


JENDL-4 SE-78  
Inelastic levels

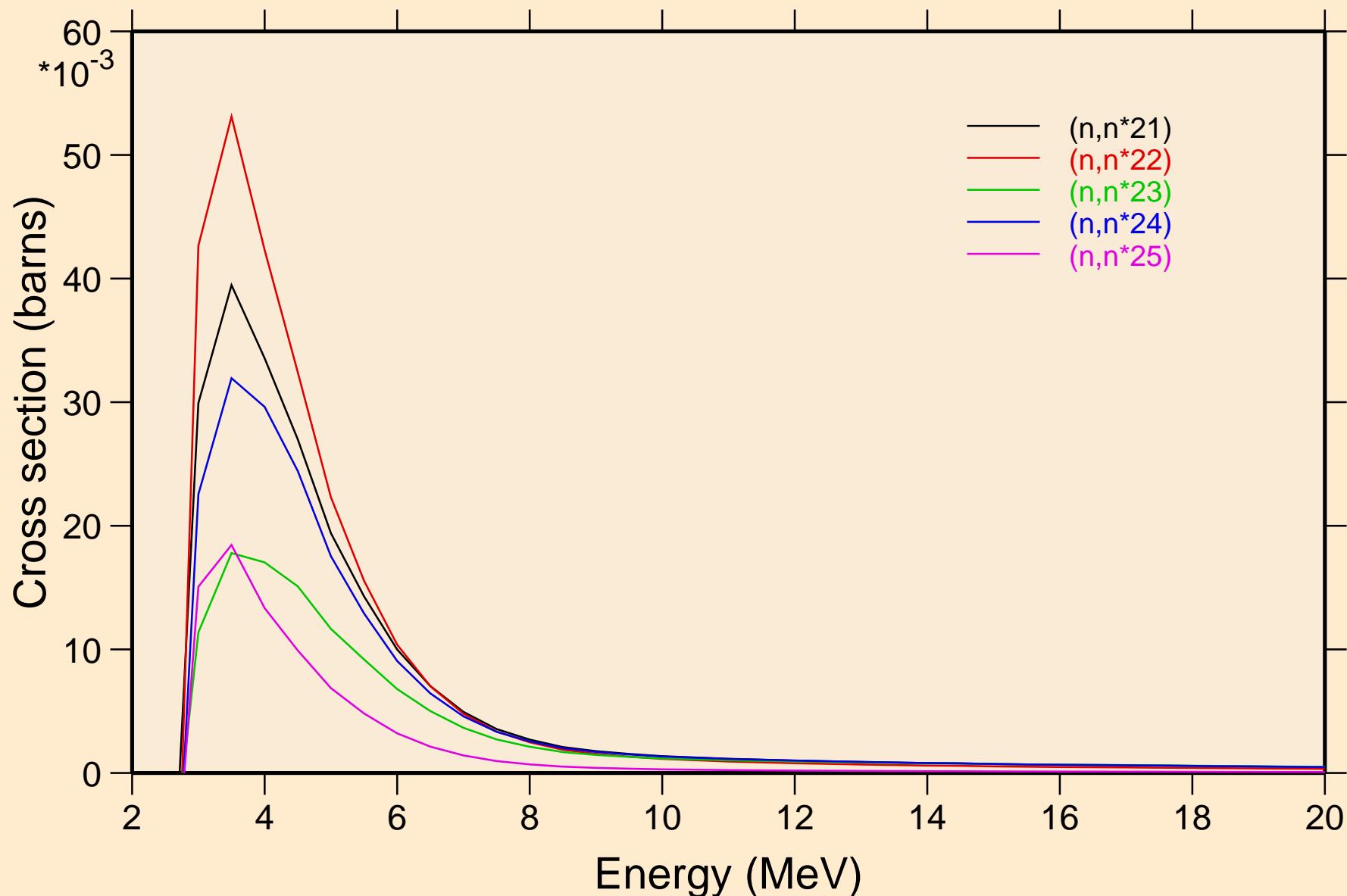


# JENDL-4 SE-78

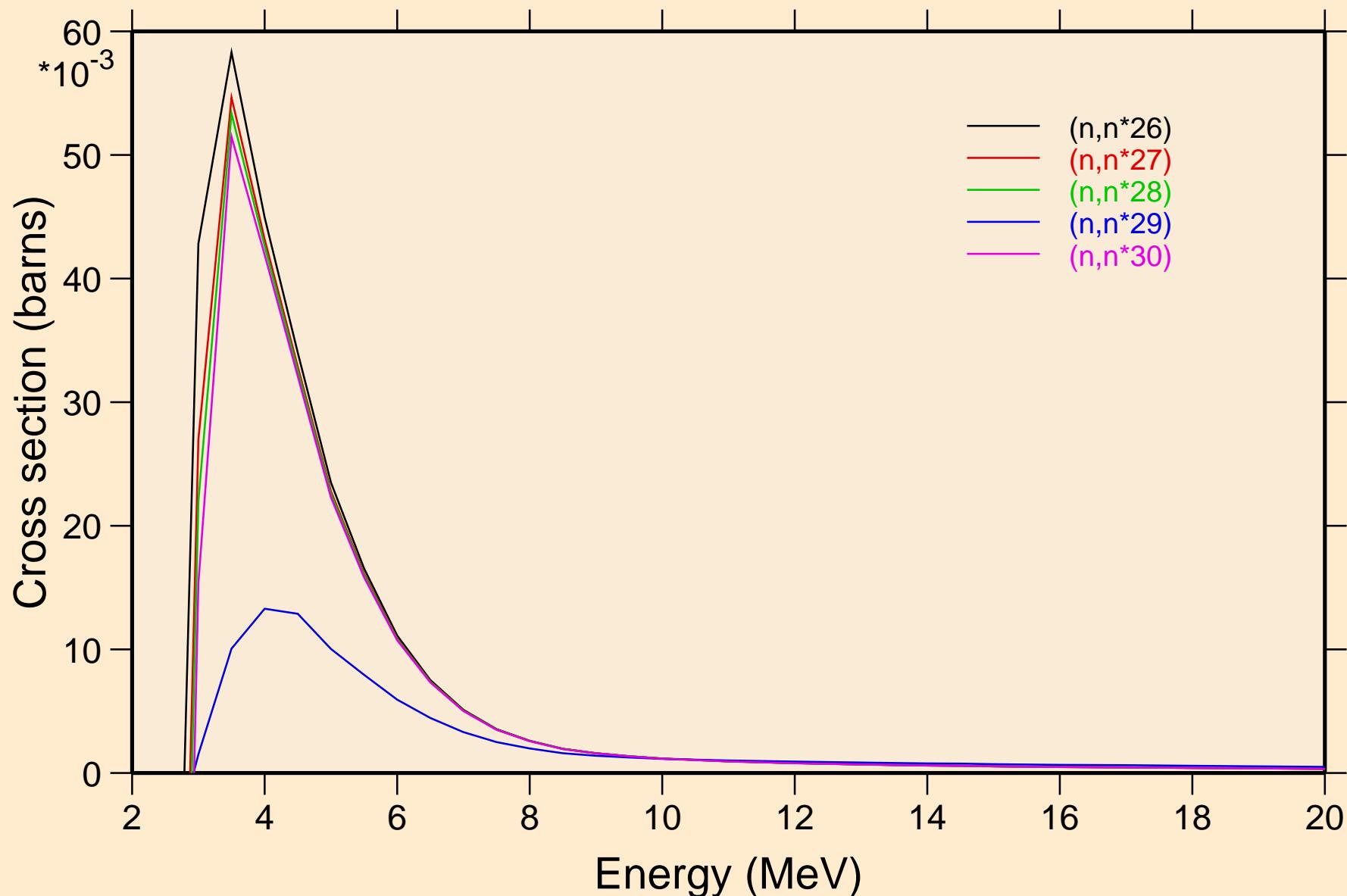
## Inelastic levels



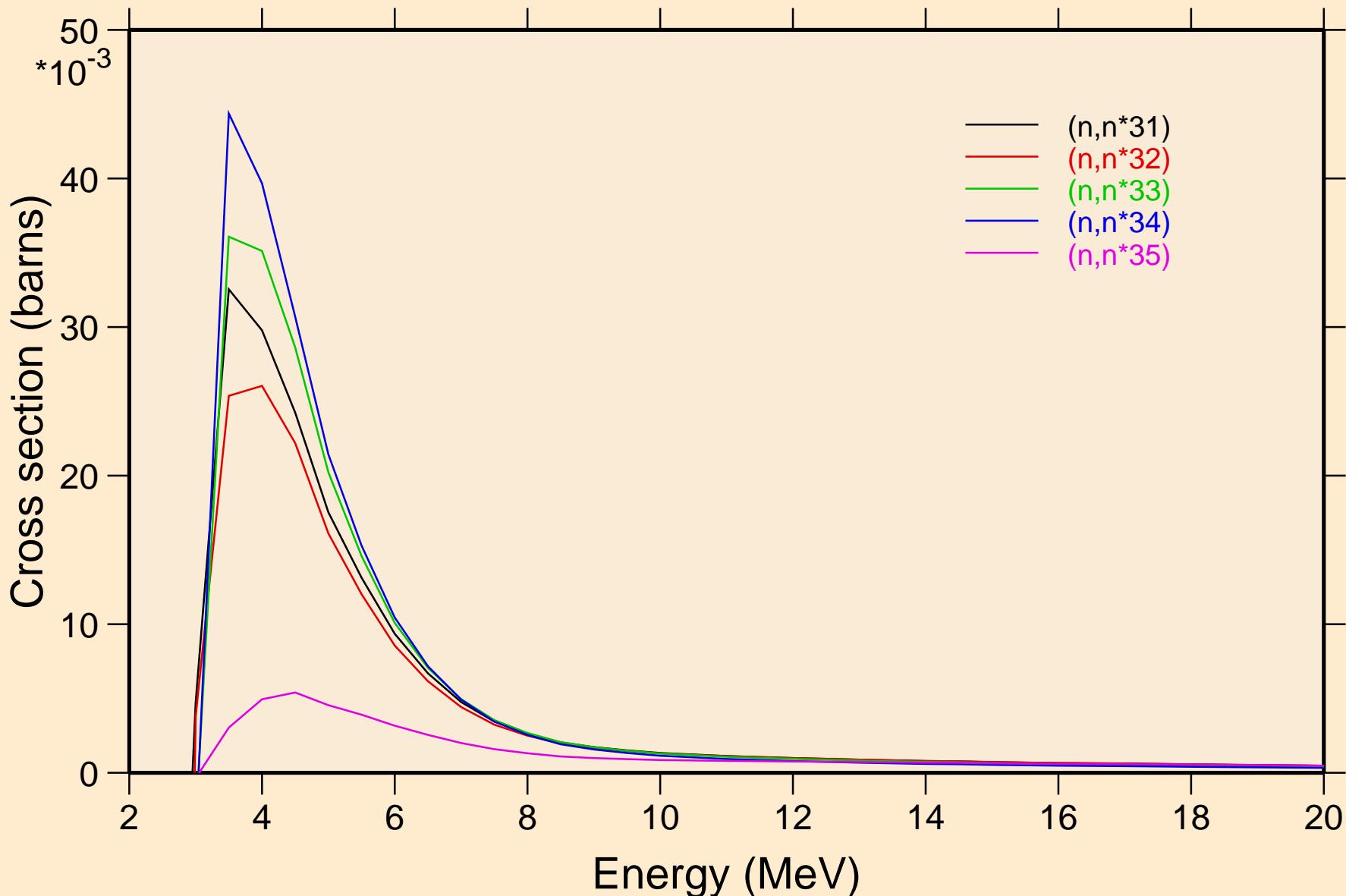
JENDL-4 SE-78  
Inelastic levels



JENDL-4 SE-78  
Inelastic levels

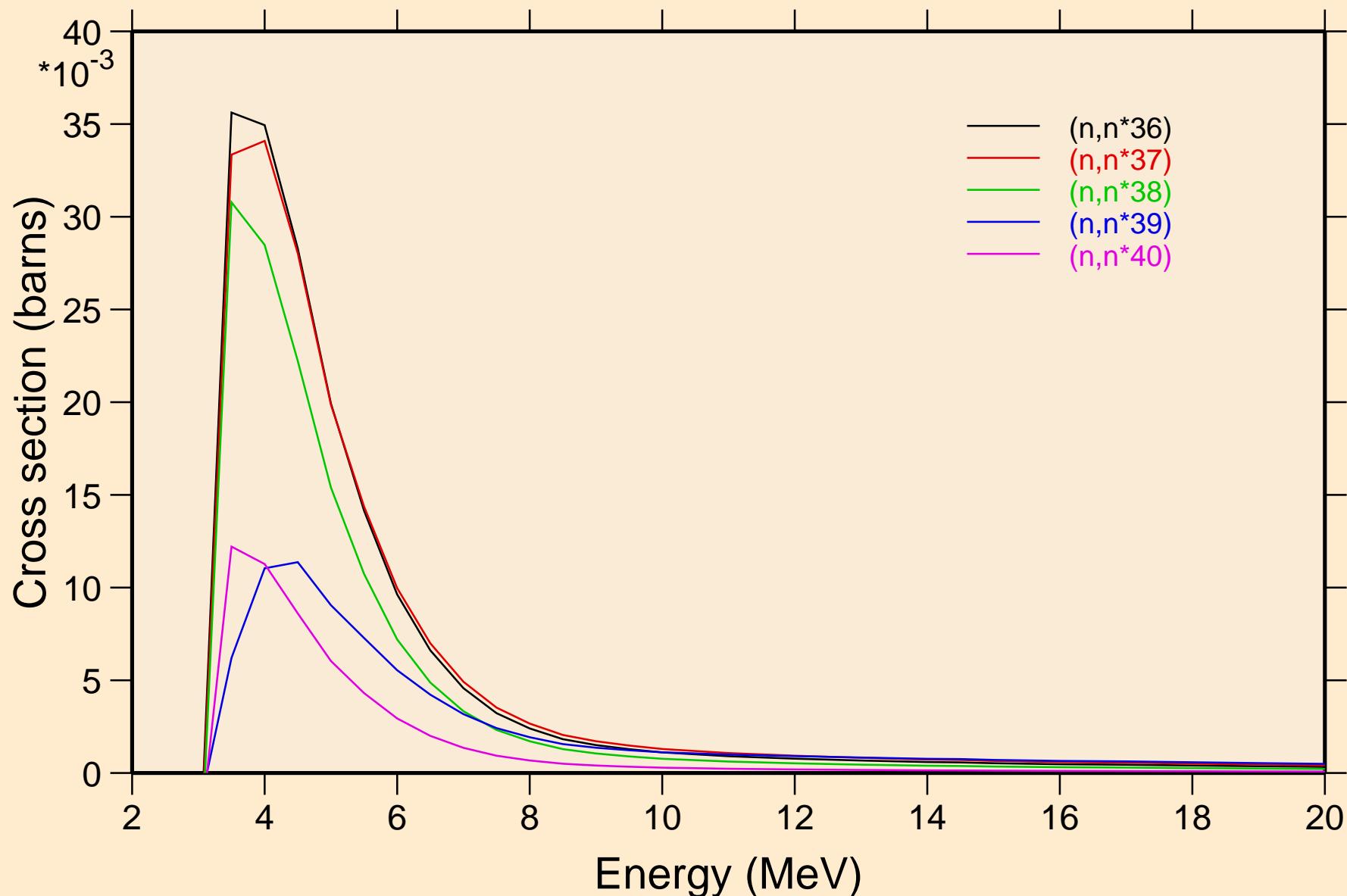


JENDL-4 SE-78  
Inelastic levels



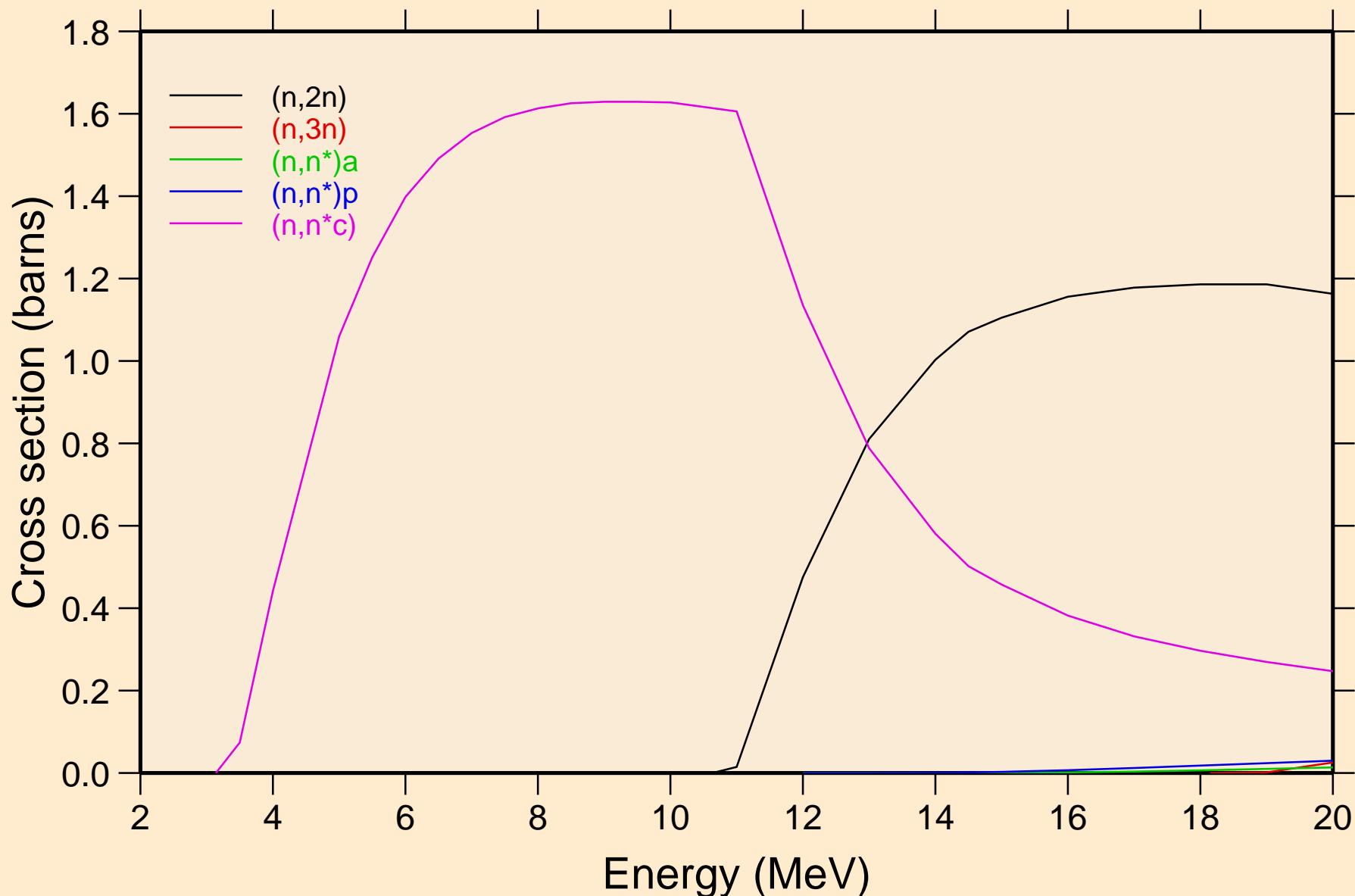
# JENDL-4 SE-78

## Inelastic levels



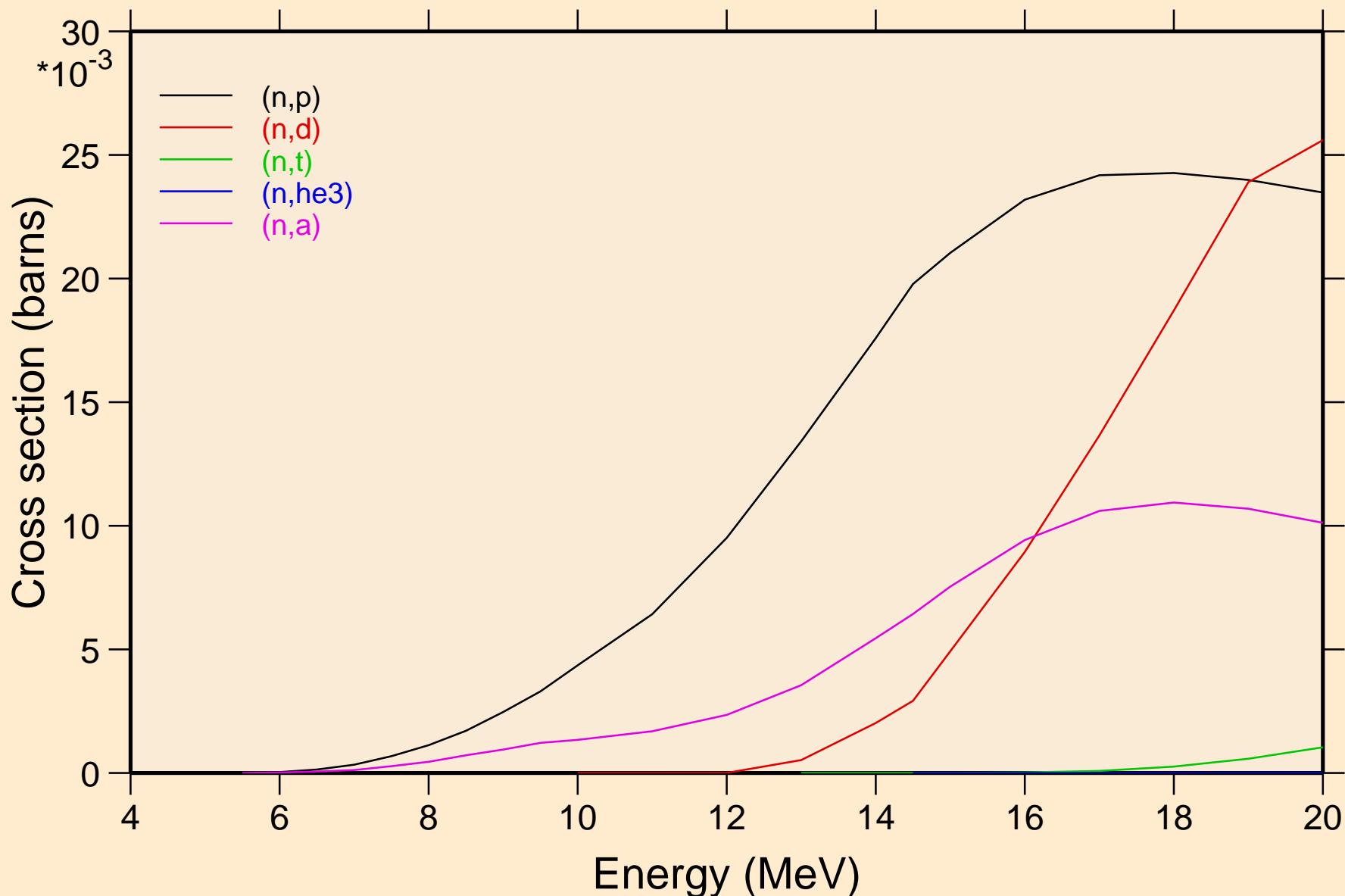
# JENDL-4 SE-78

## Threshold reactions



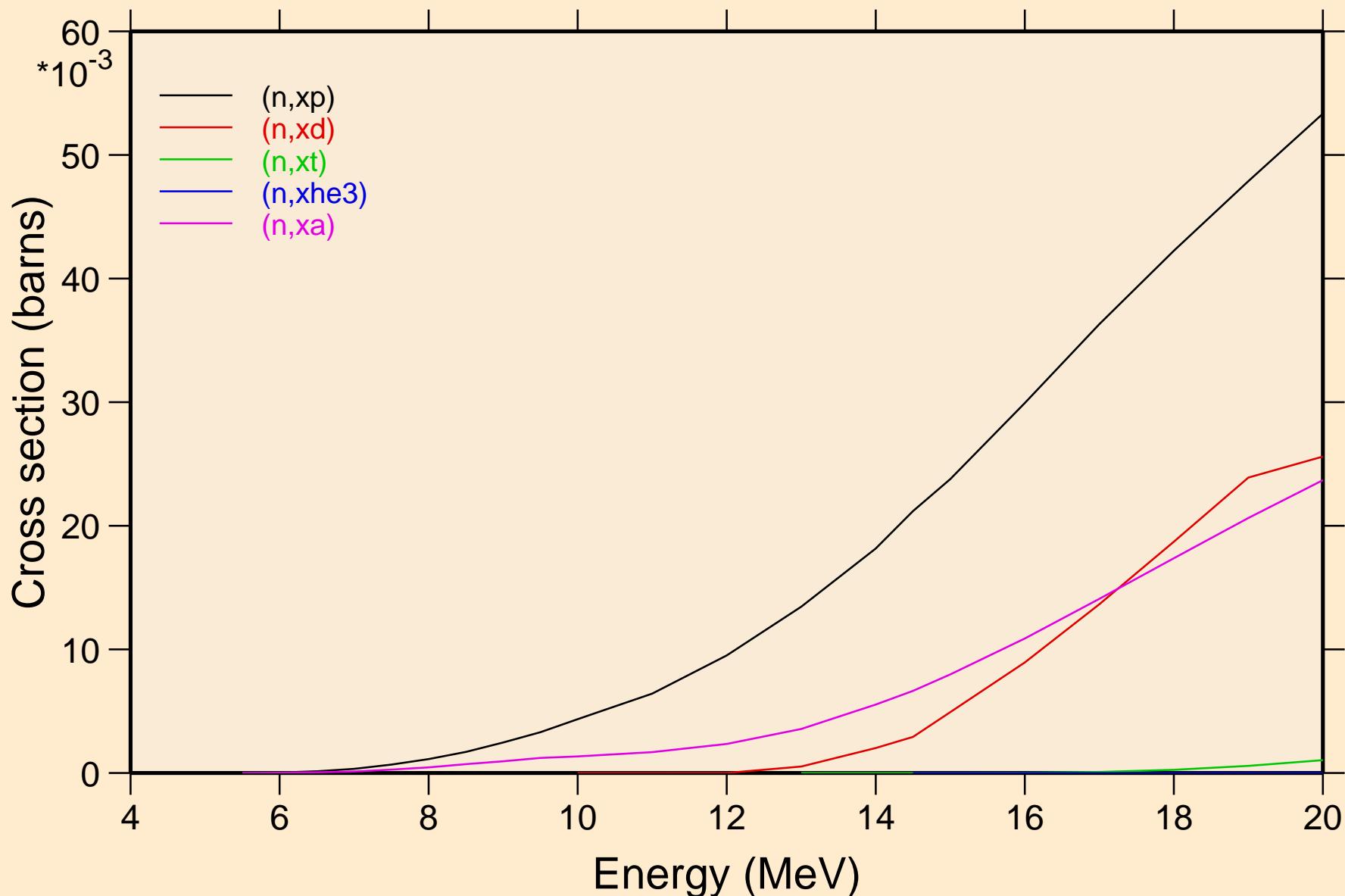
# JENDL-4 SE-78

## Threshold reactions

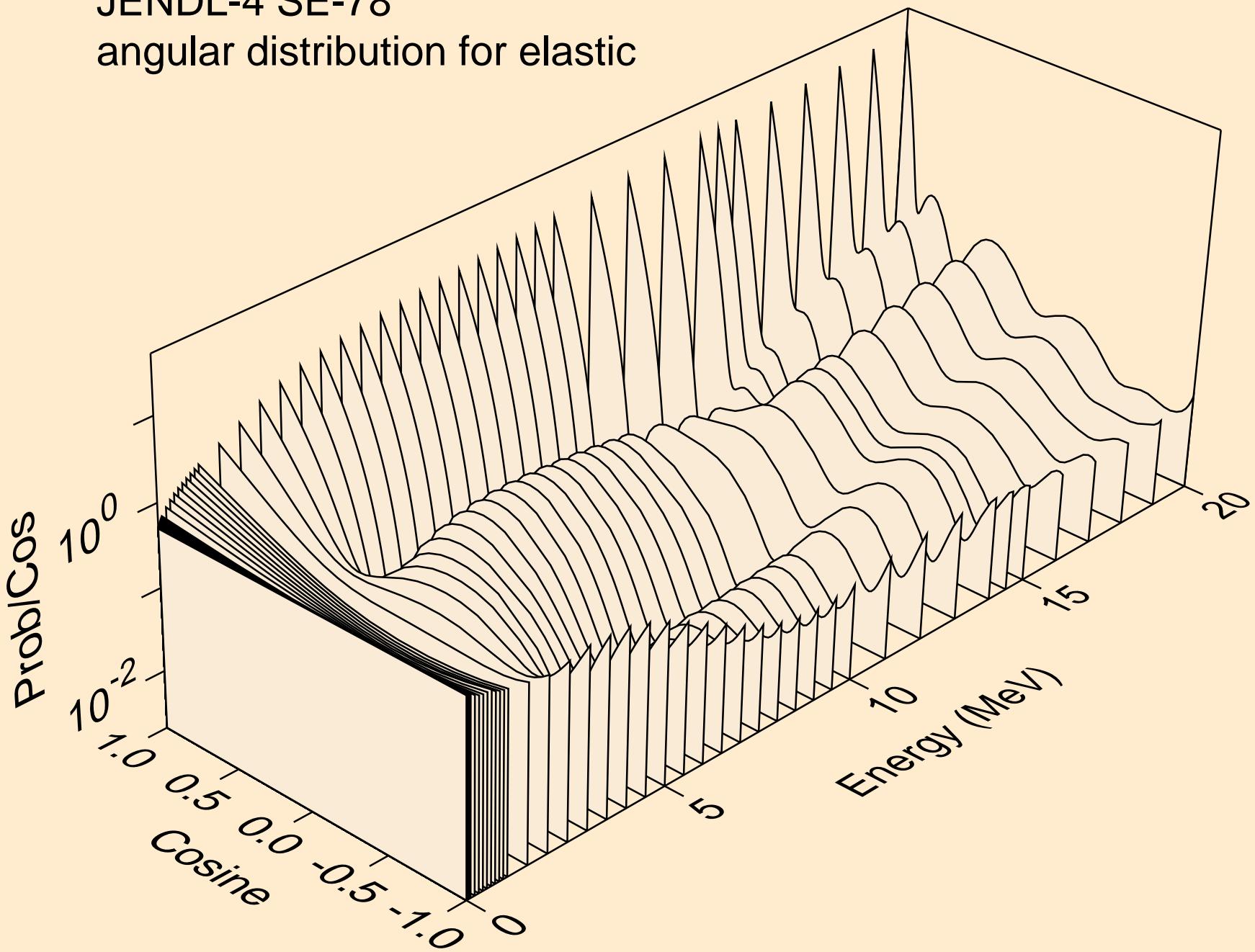


# JENDL-4 SE-78

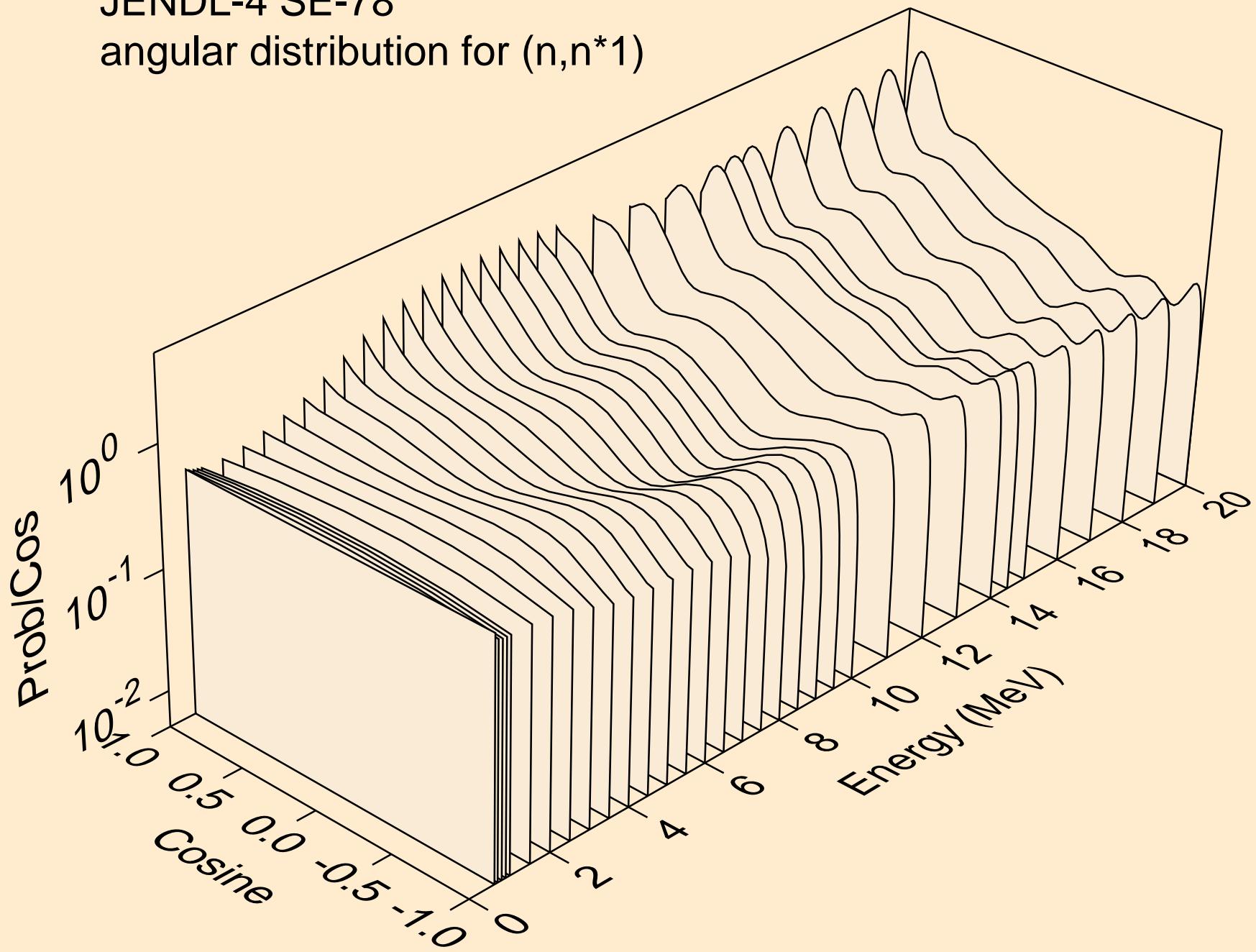
## Threshold reactions



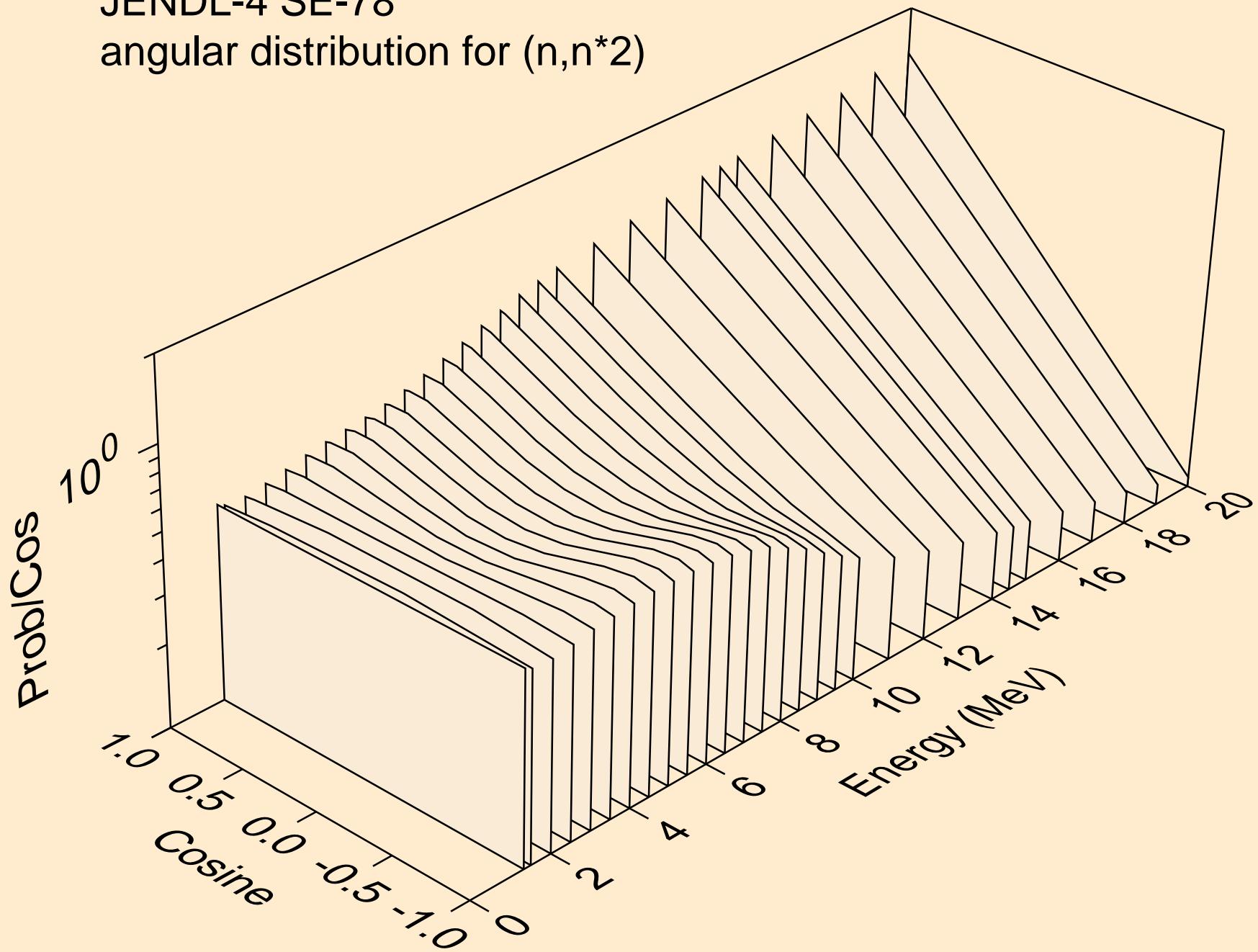
JENDL-4 SE-78  
angular distribution for elastic



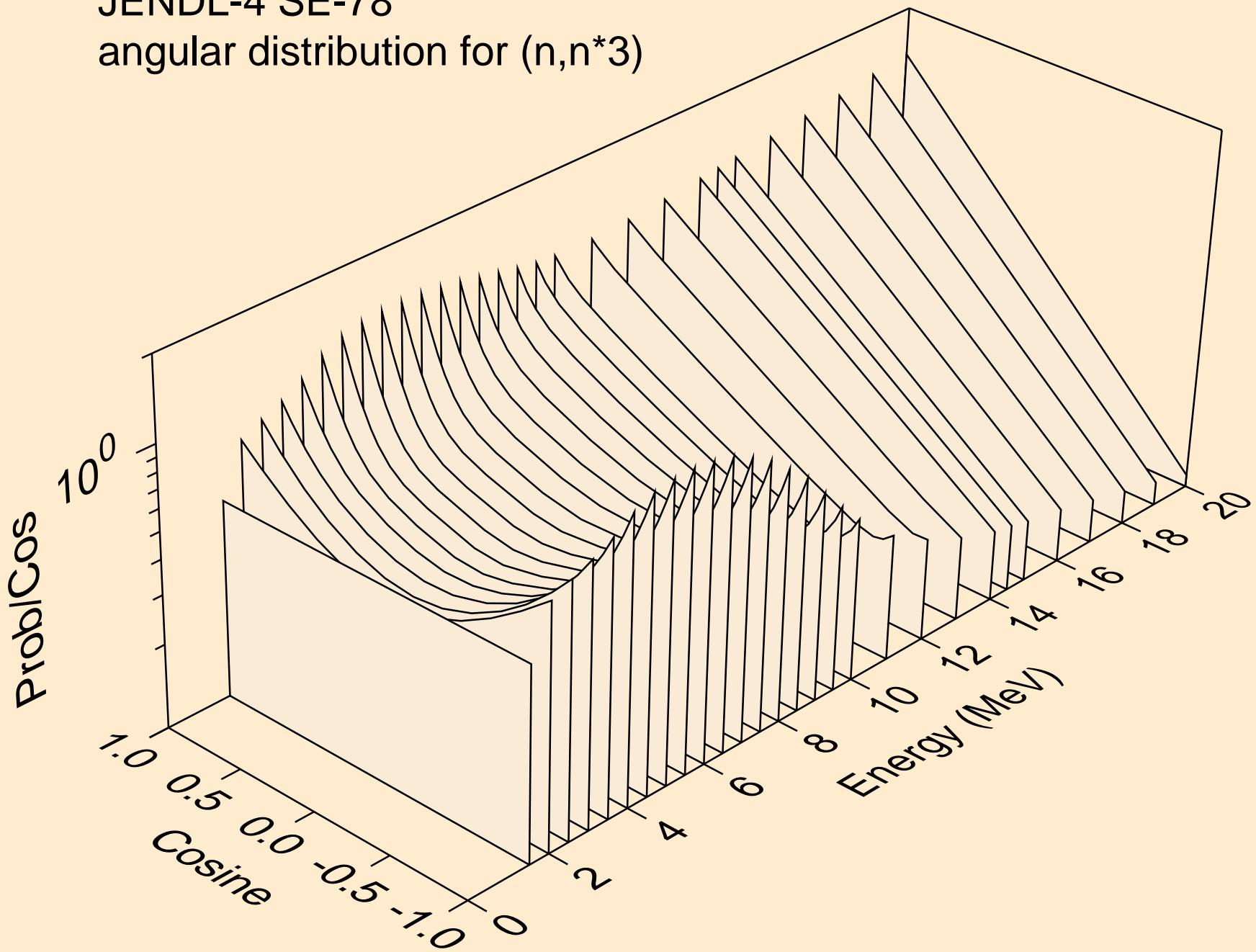
JENDL-4 SE-78  
angular distribution for (n,n\*1)



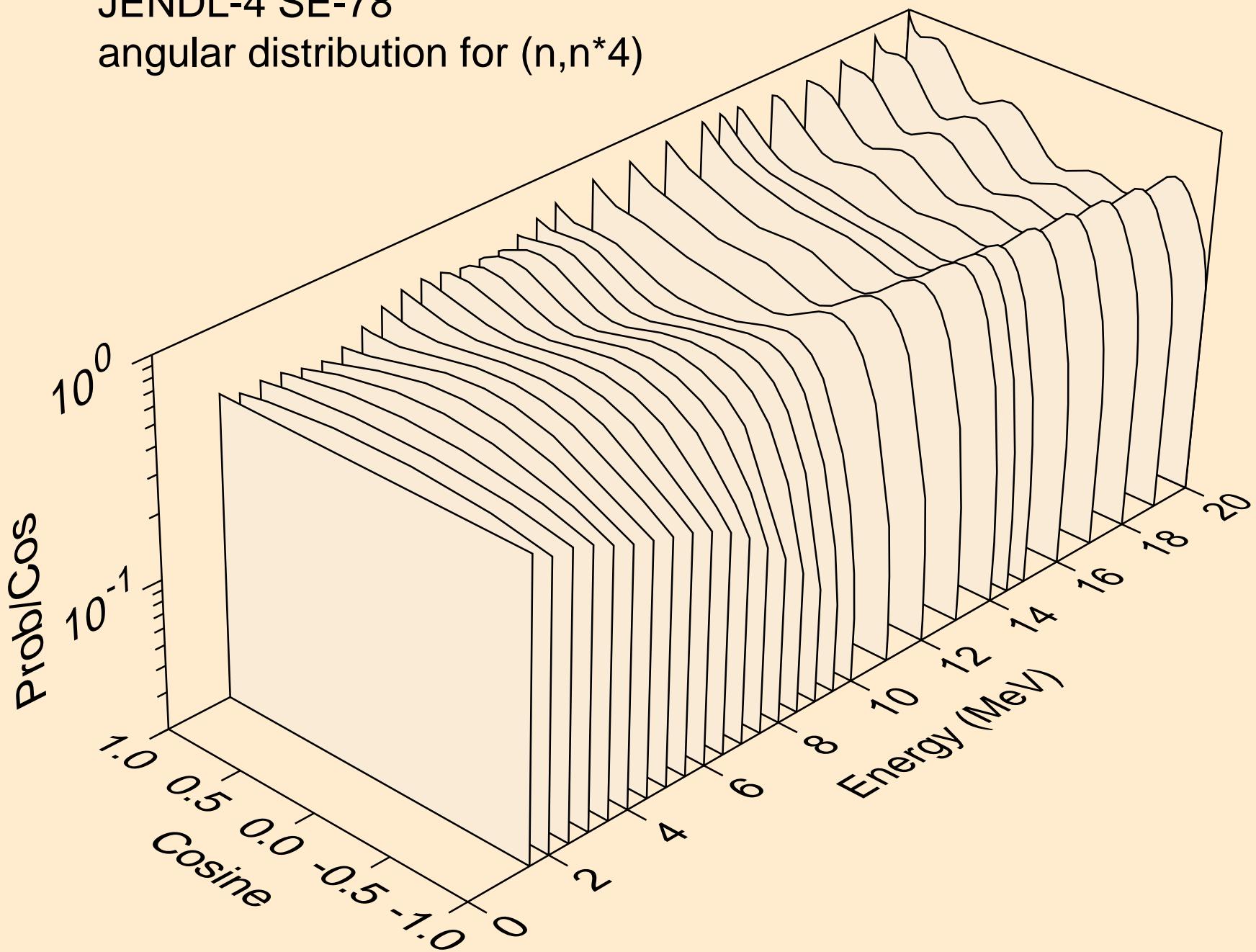
JENDL-4 SE-78  
angular distribution for  $(n,n^*)^2$



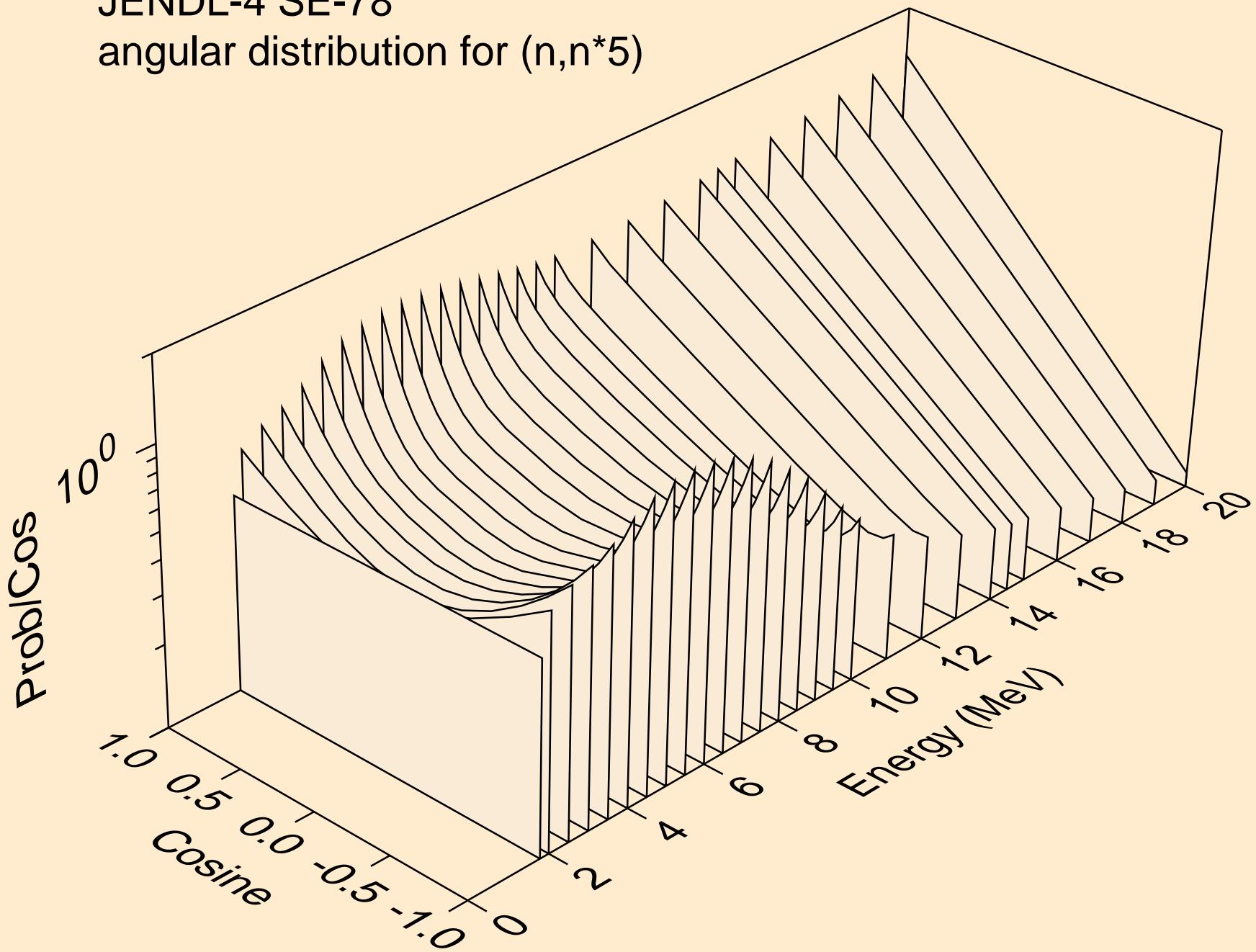
JENDL-4 SE-78  
angular distribution for  $(n,n^*3)$



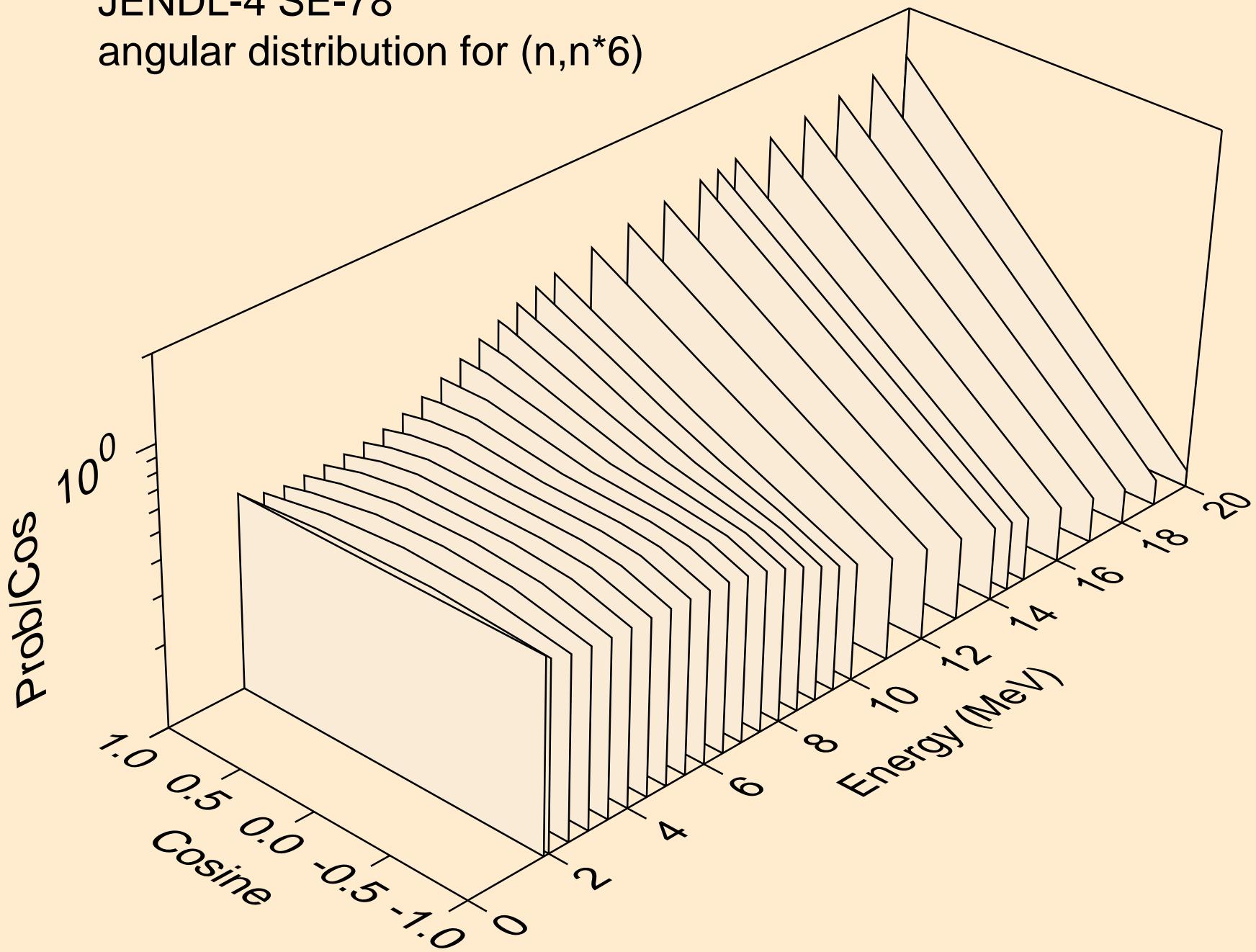
JENDL-4 SE-78  
angular distribution for  $(n,n^*4)$



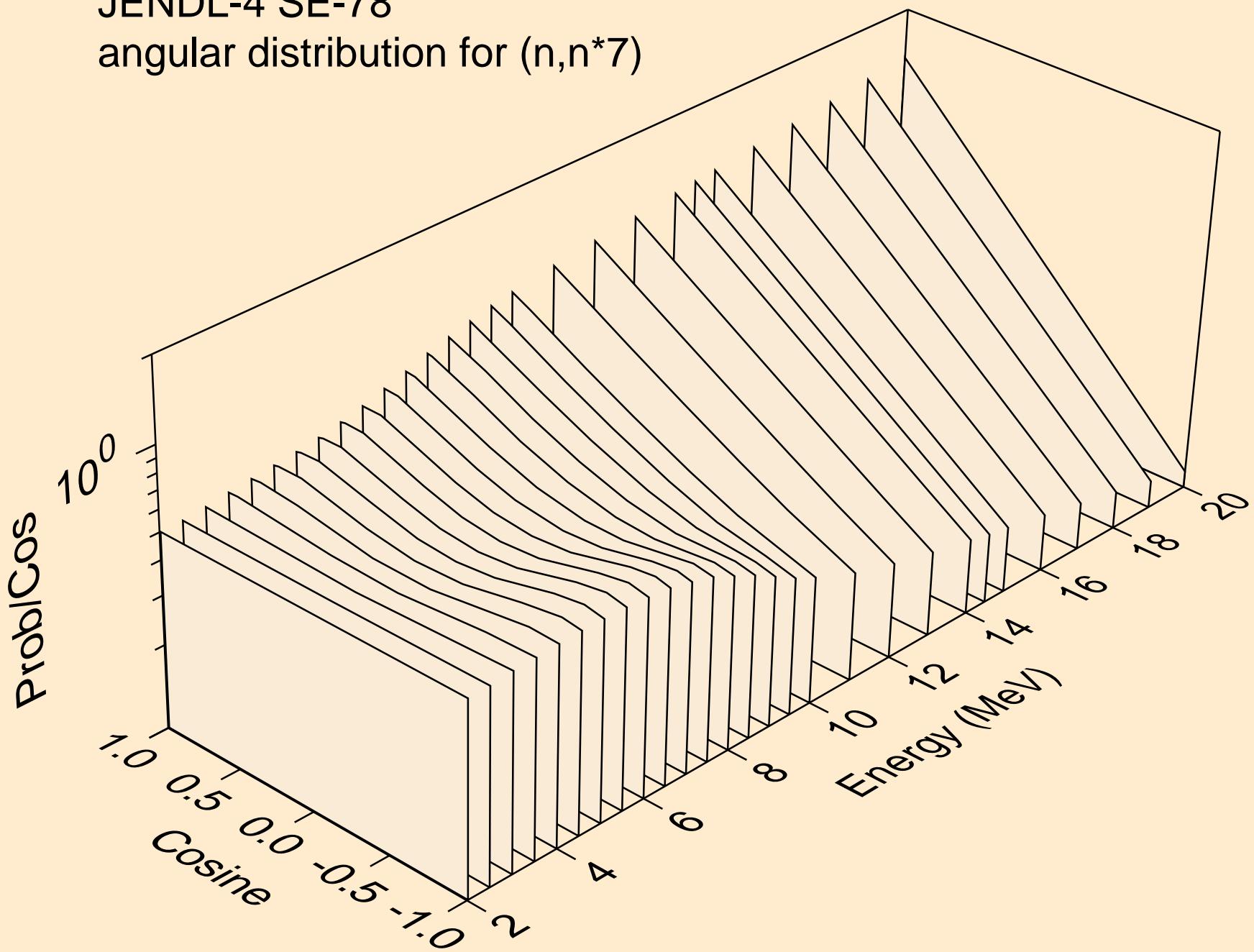
JENDL-4 SE-78  
angular distribution for  $(n,n^*5)$



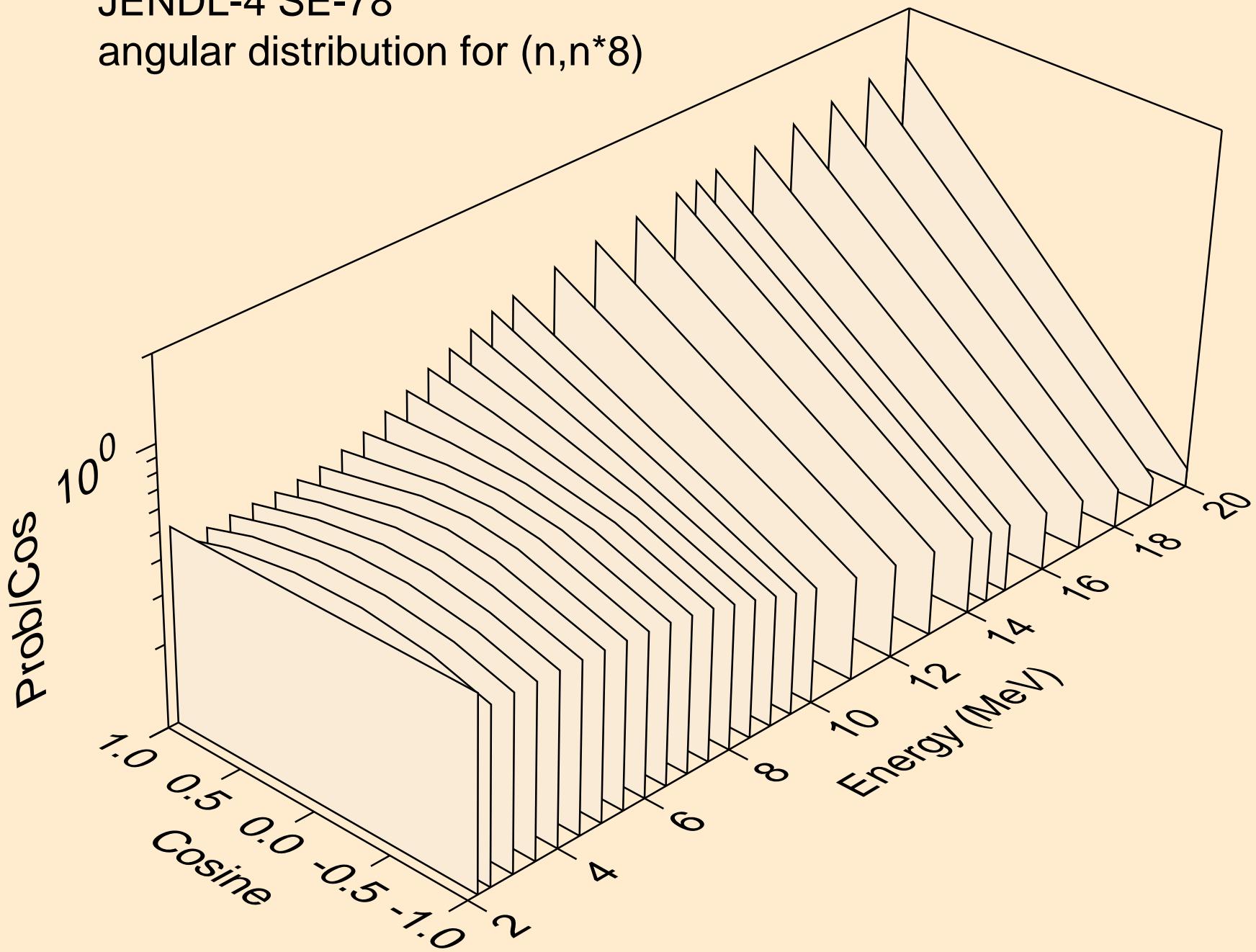
JENDL-4 SE-78  
angular distribution for  $(n,n^*6)$



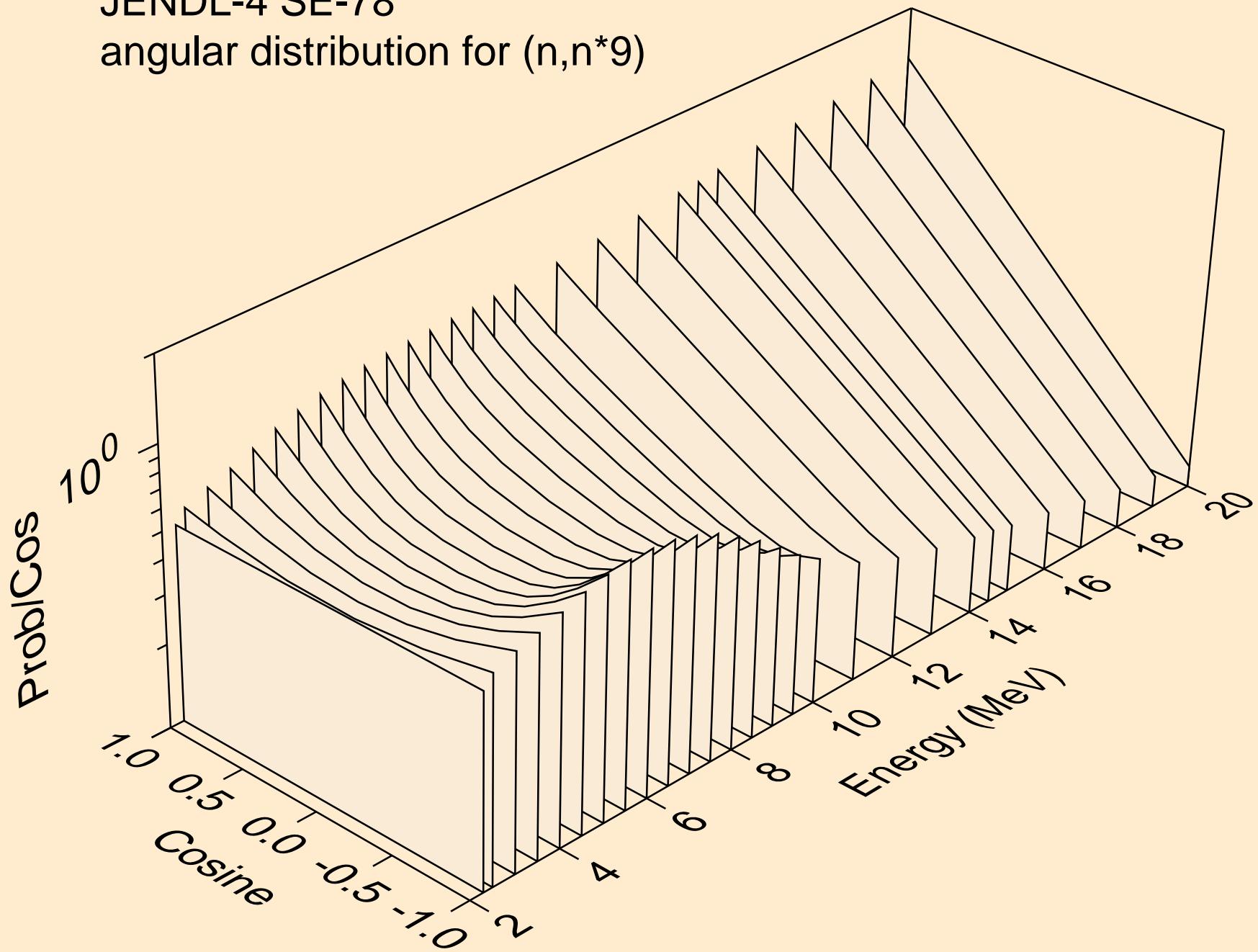
JENDL-4 SE-78  
angular distribution for  $(n,n^*7)$



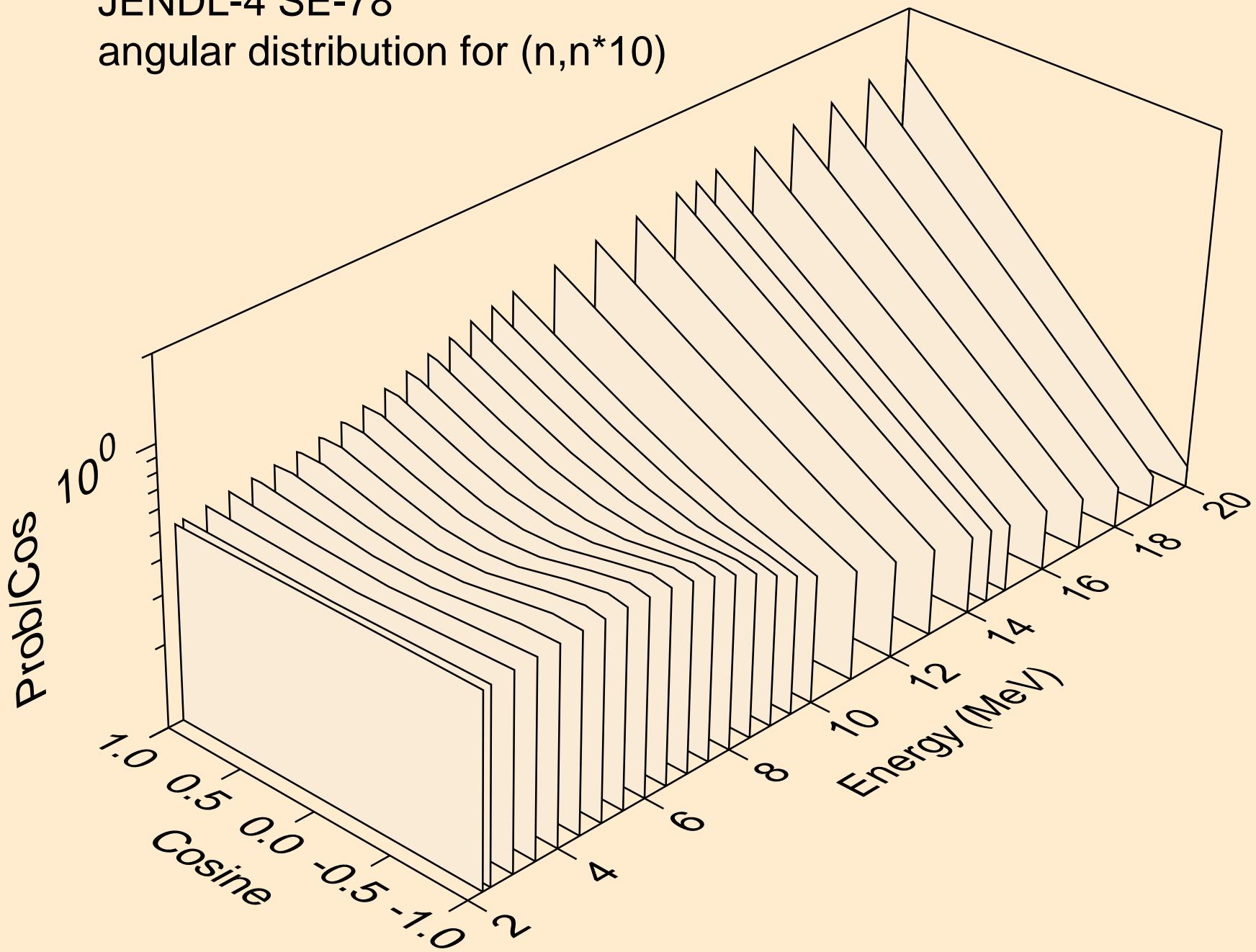
JENDL-4 SE-78  
angular distribution for  $(n,n^*8)$



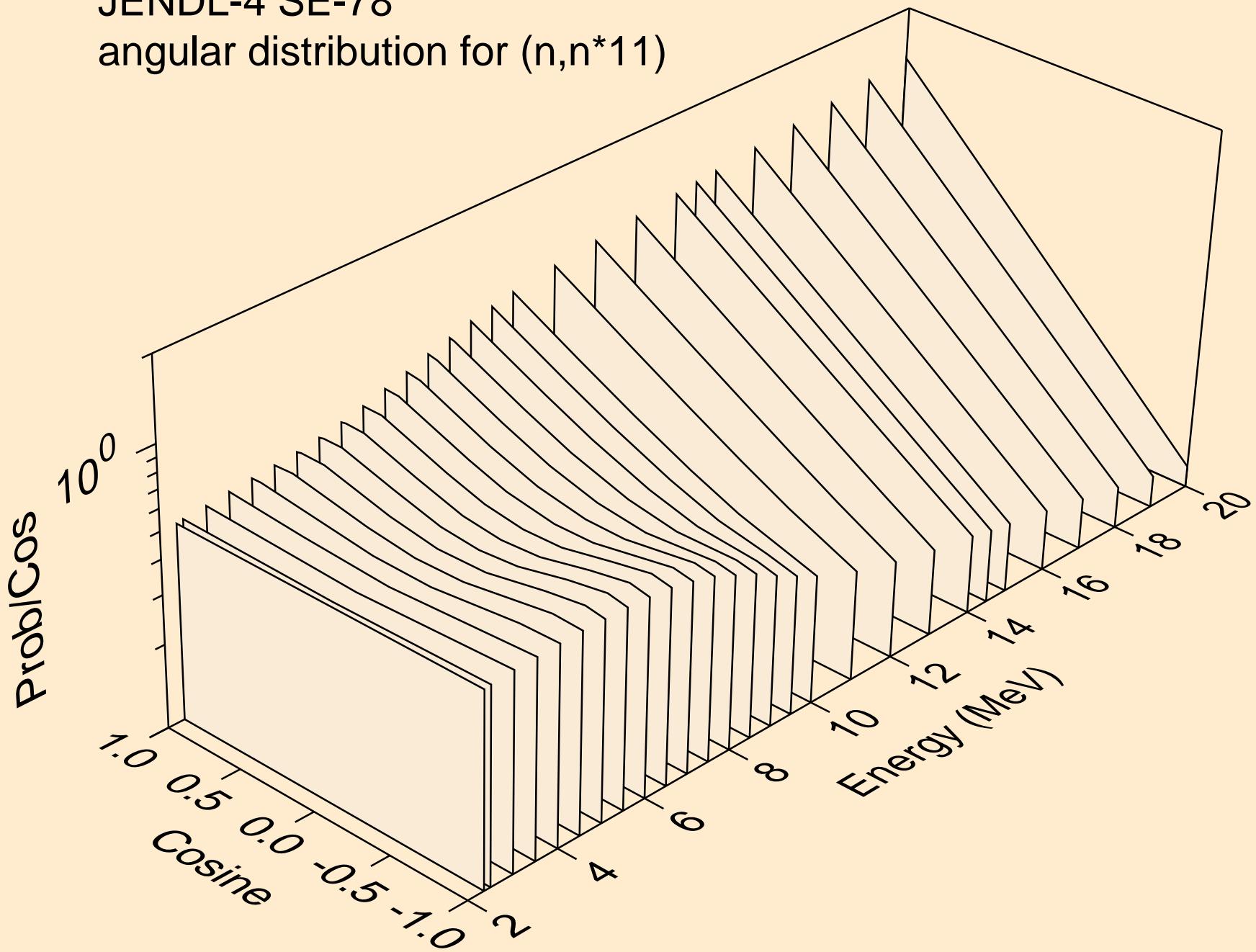
JENDL-4 SE-78  
angular distribution for  $(n,n^*9)$



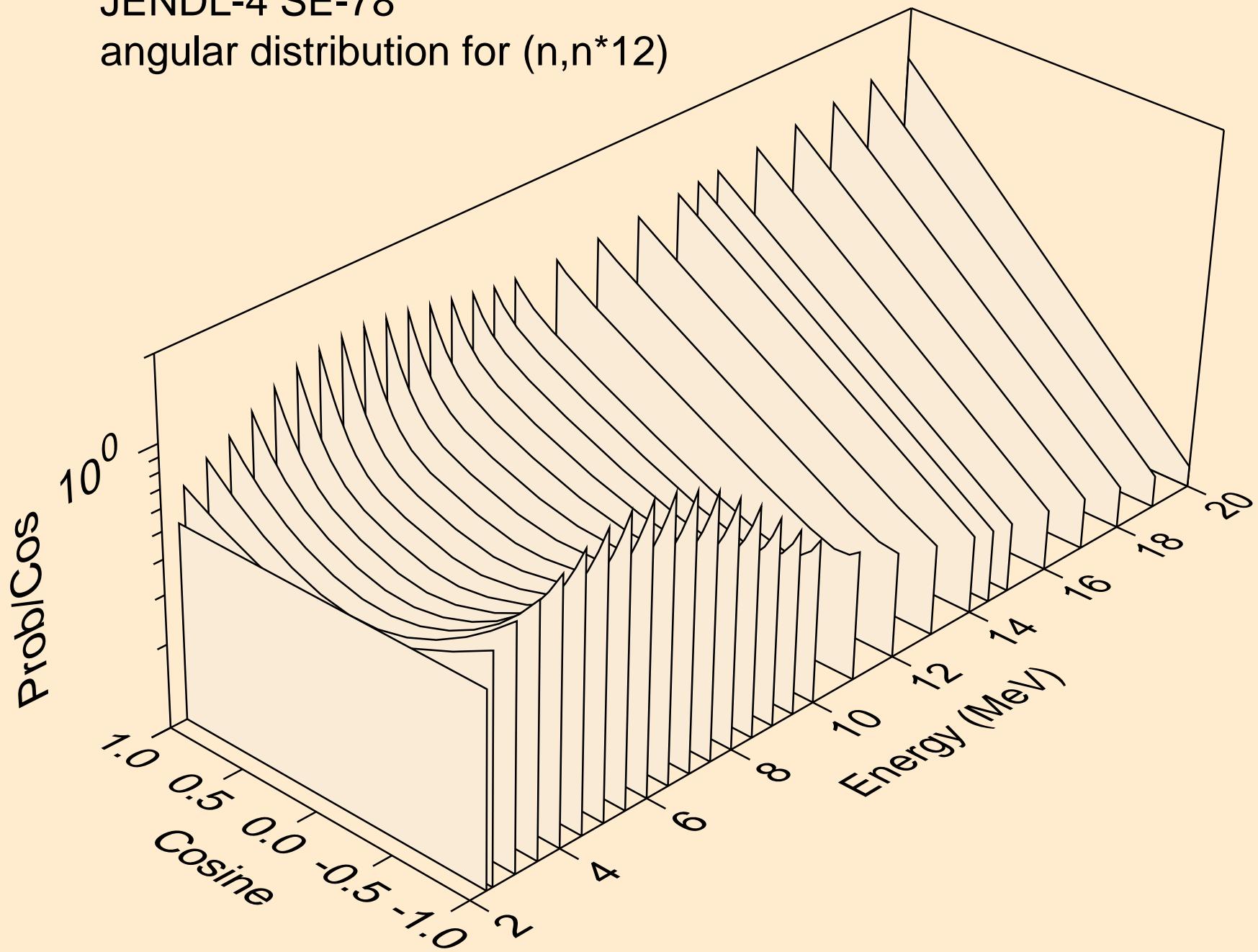
JENDL-4 SE-78  
angular distribution for (n,n\*10)



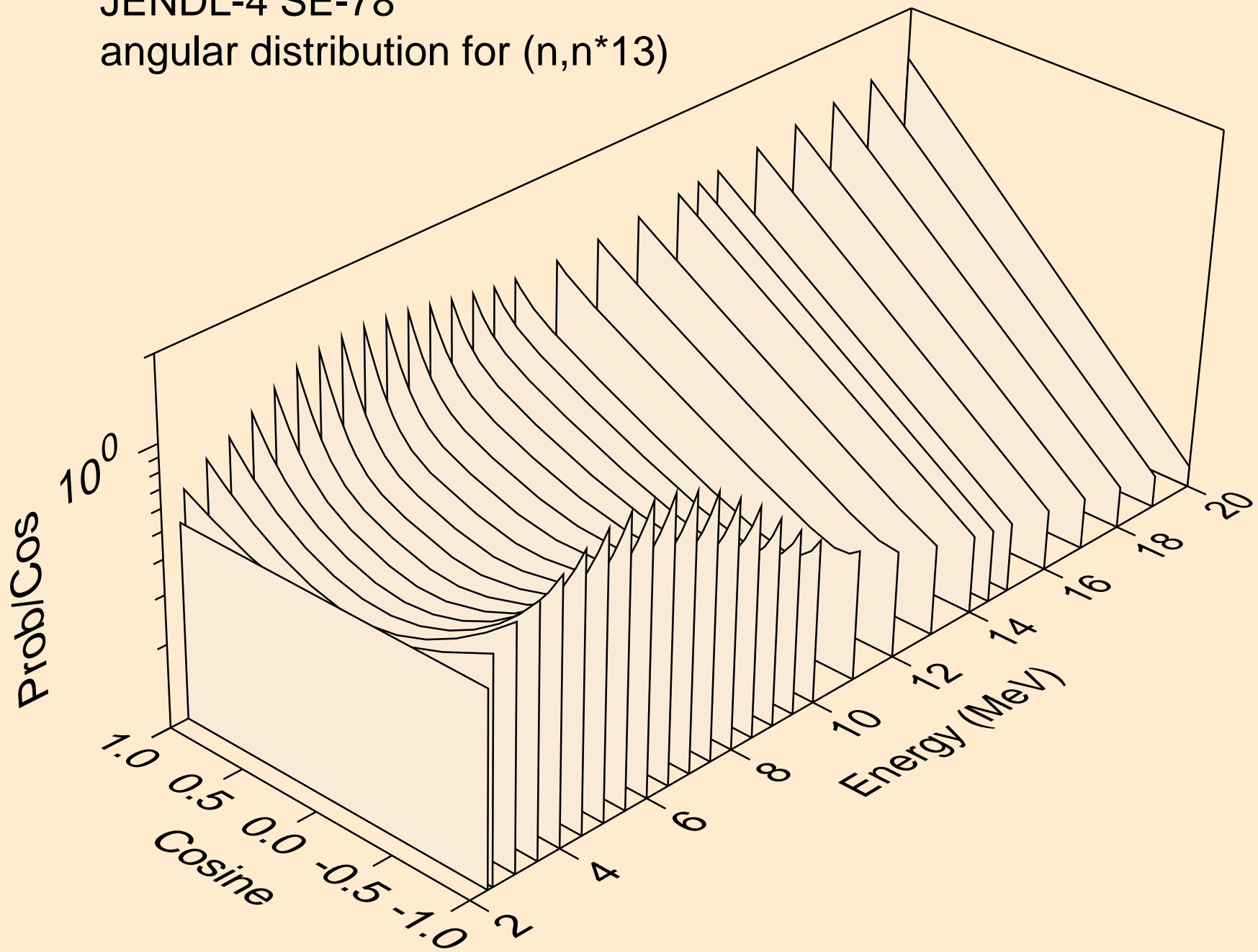
JENDL-4 SE-78  
angular distribution for (n,n\*11)



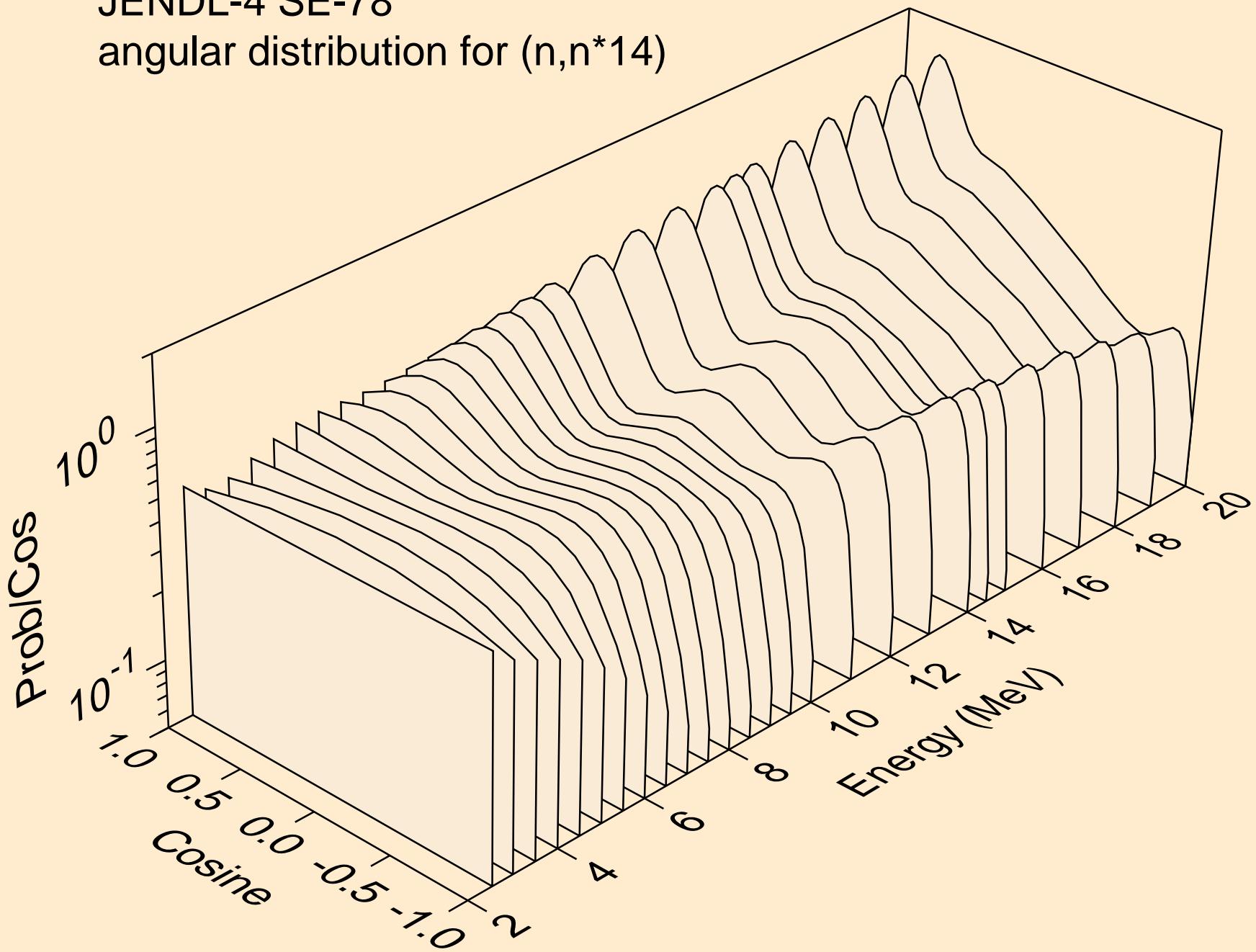
JENDL-4 SE-78  
angular distribution for  $(n,n^*12)$



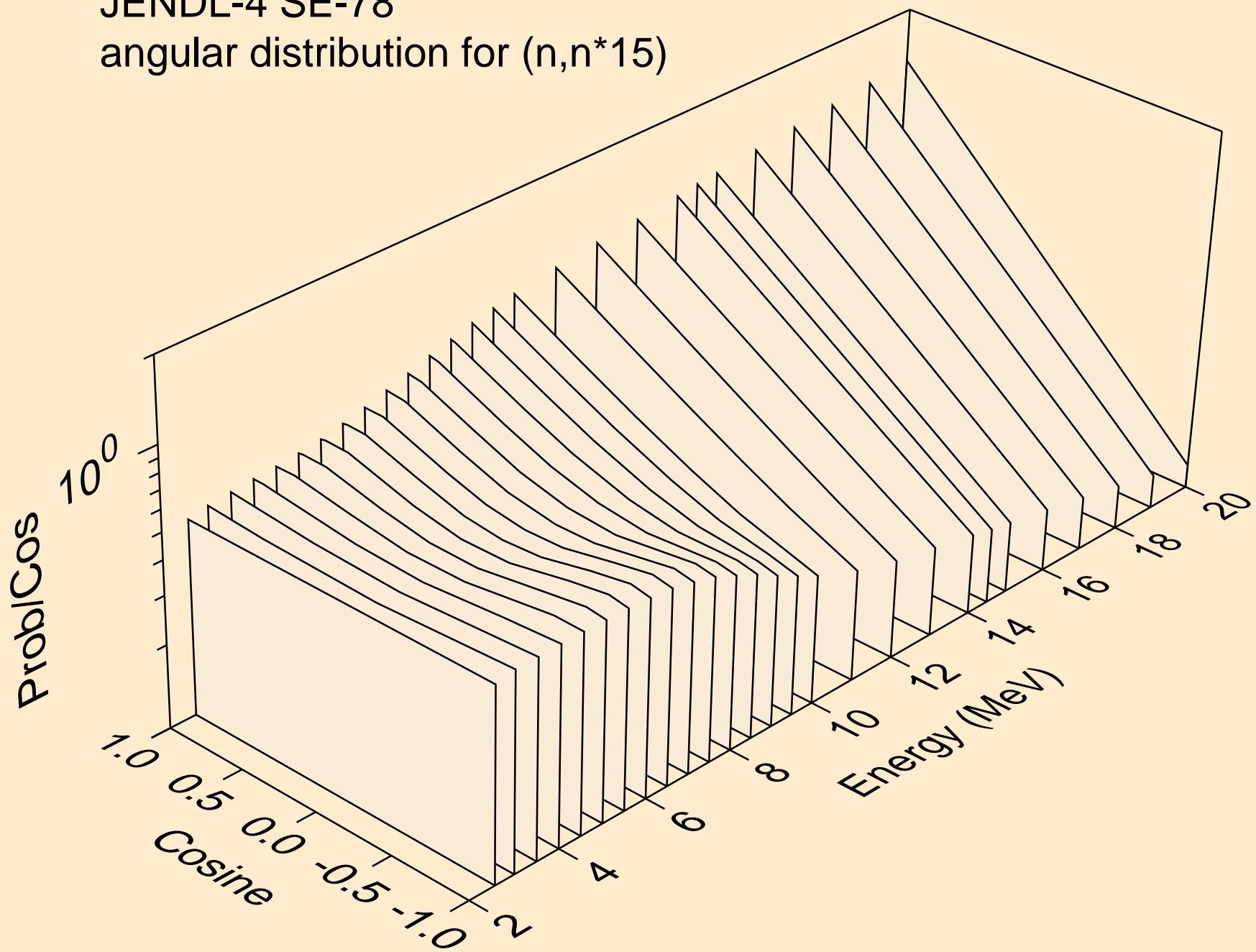
JENDL-4 SE-78  
angular distribution for  $(n,n^*13)$



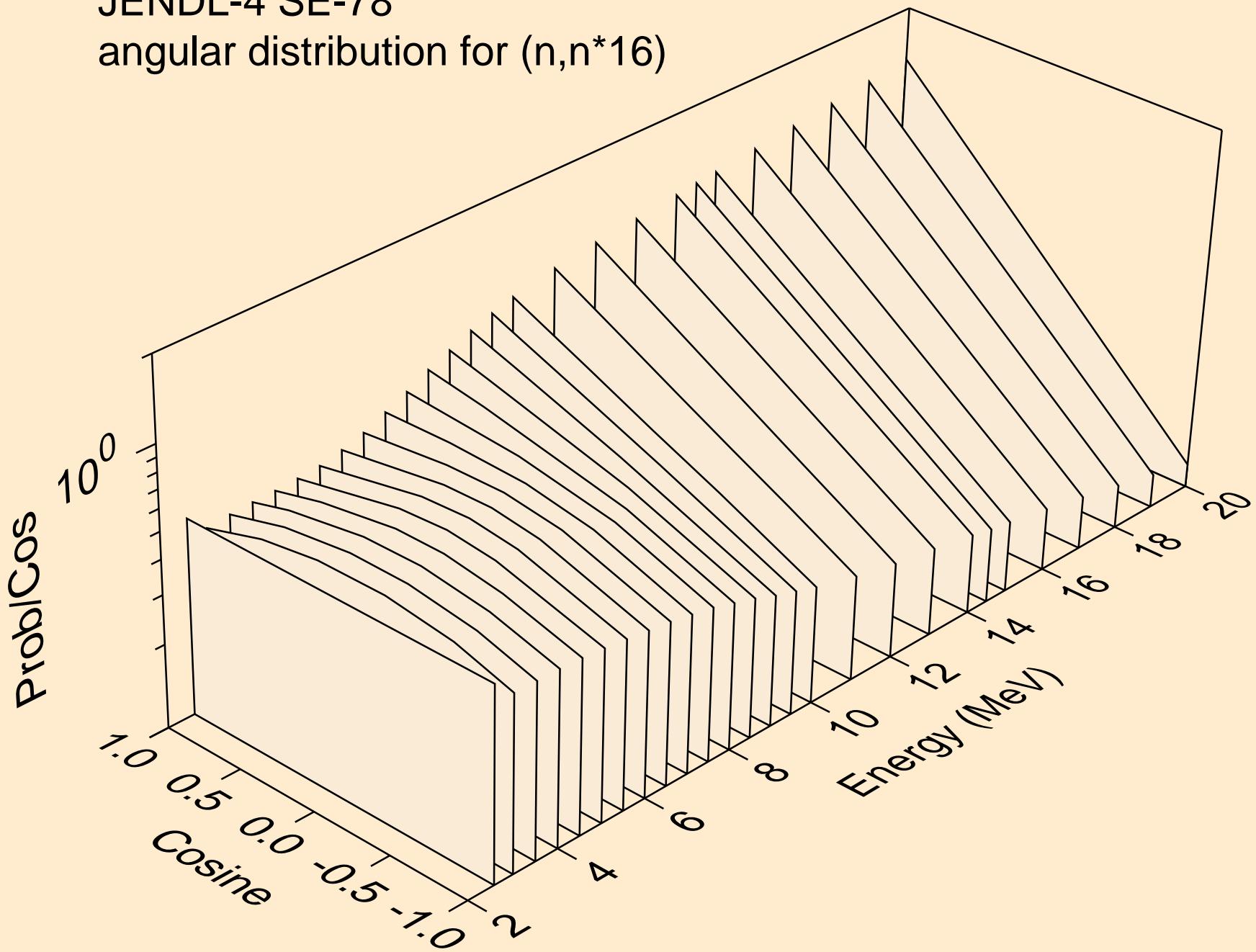
JENDL-4 SE-78  
angular distribution for  $(n,n^*14)$



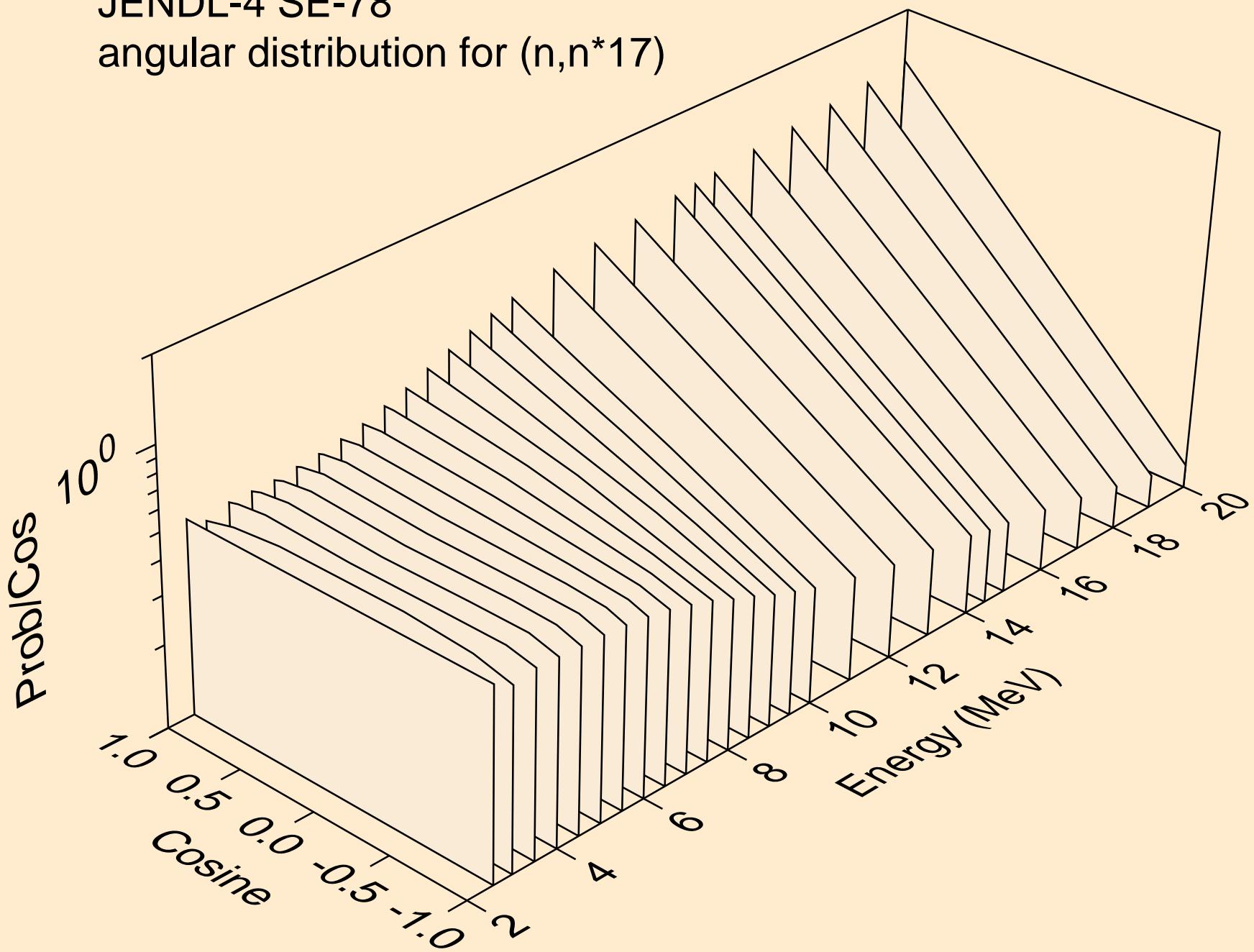
JENDL-4 SE-78  
angular distribution for  $(n,n^*15)$



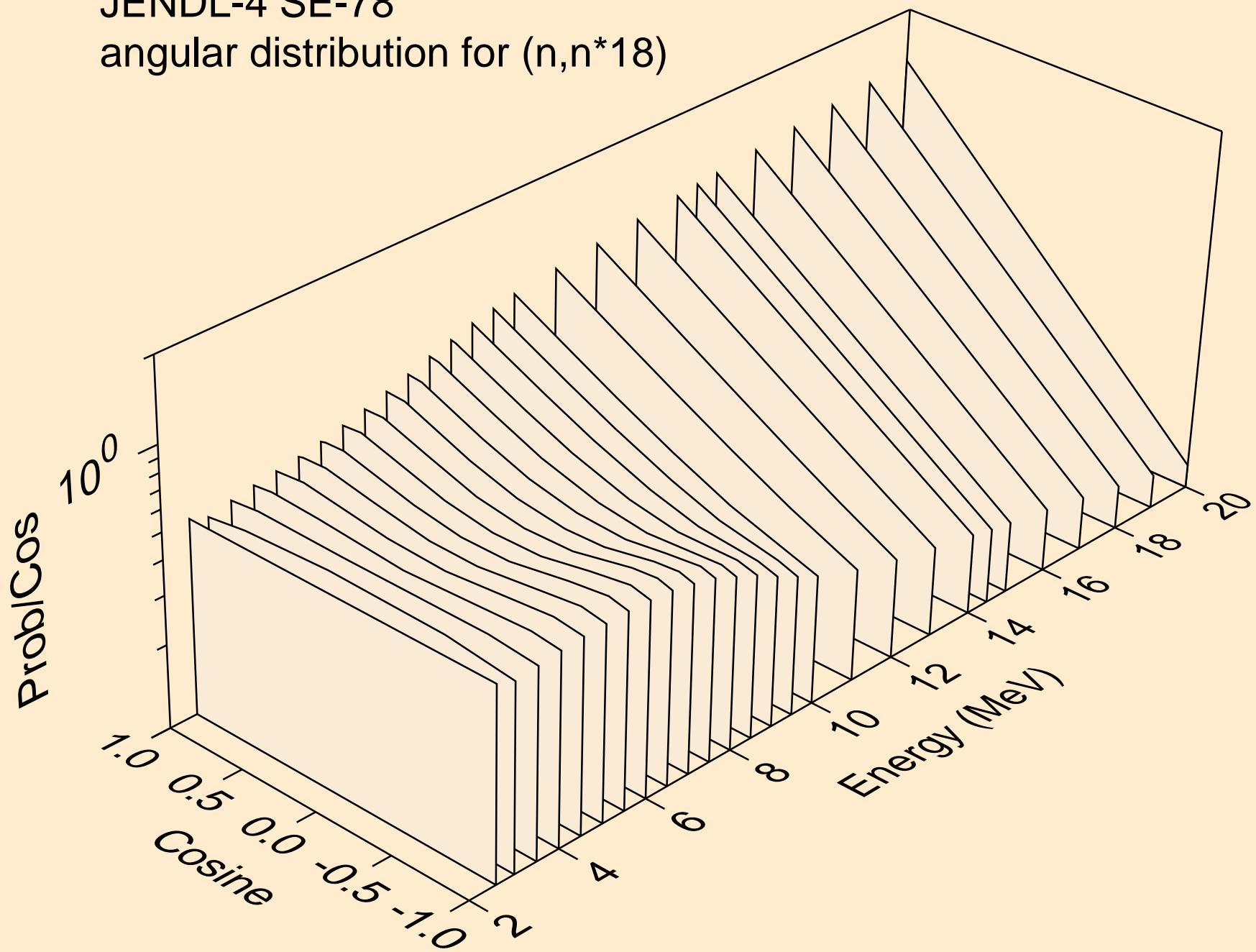
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angular distribution for  $(n,n^*16)$



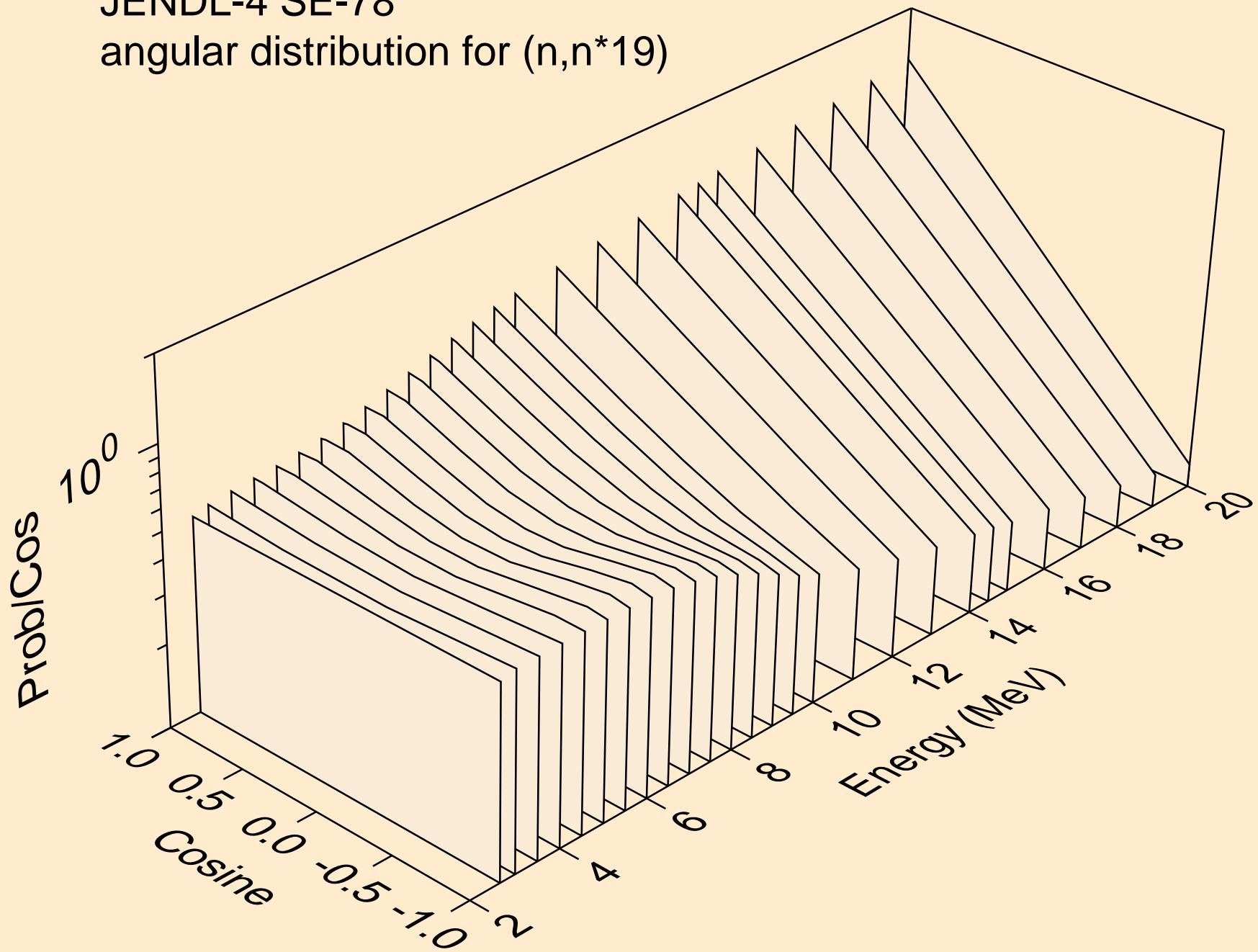
JENDL-4 SE-78  
angular distribution for (n,n\*17)



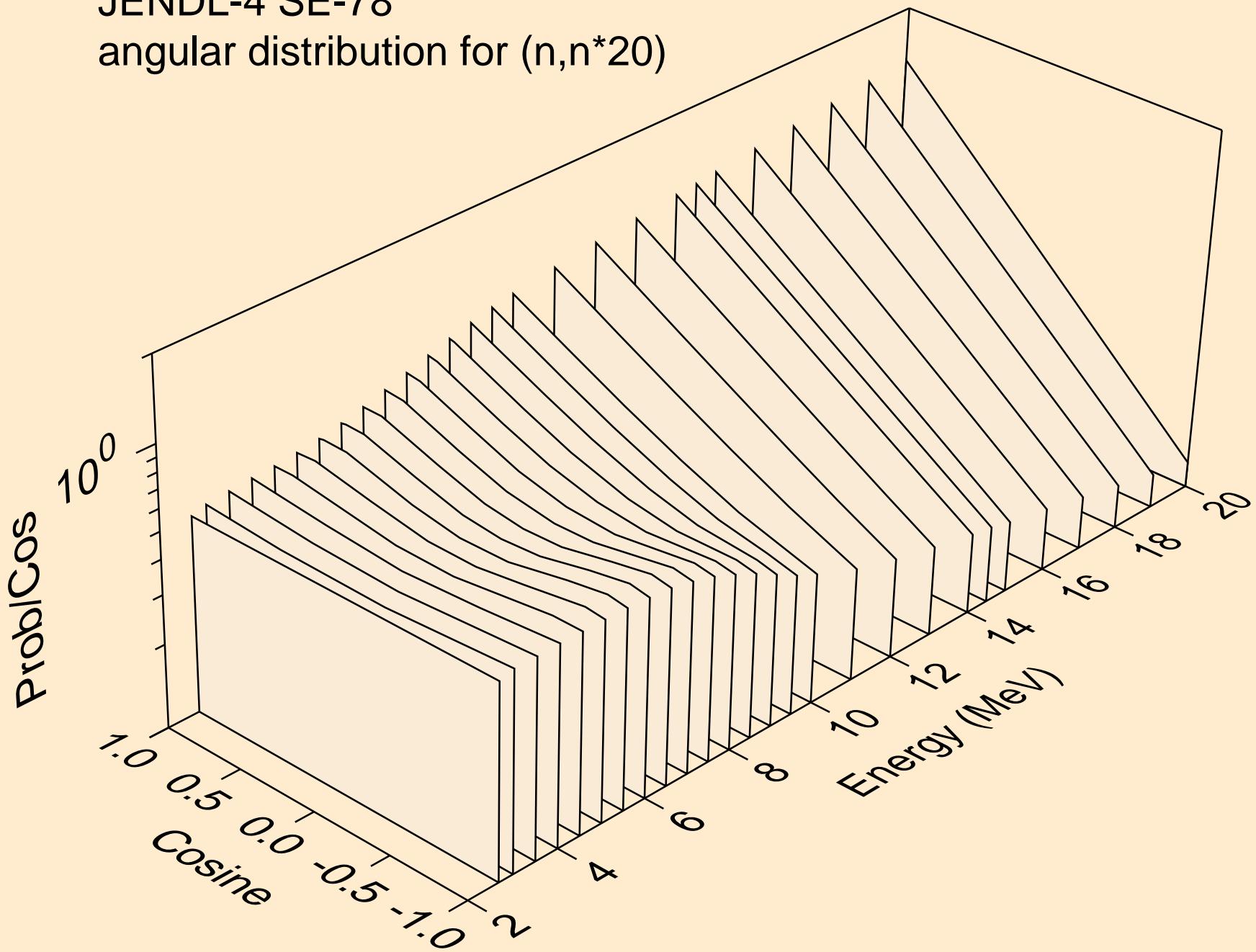
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angular distribution for  $(n,n^*18)$



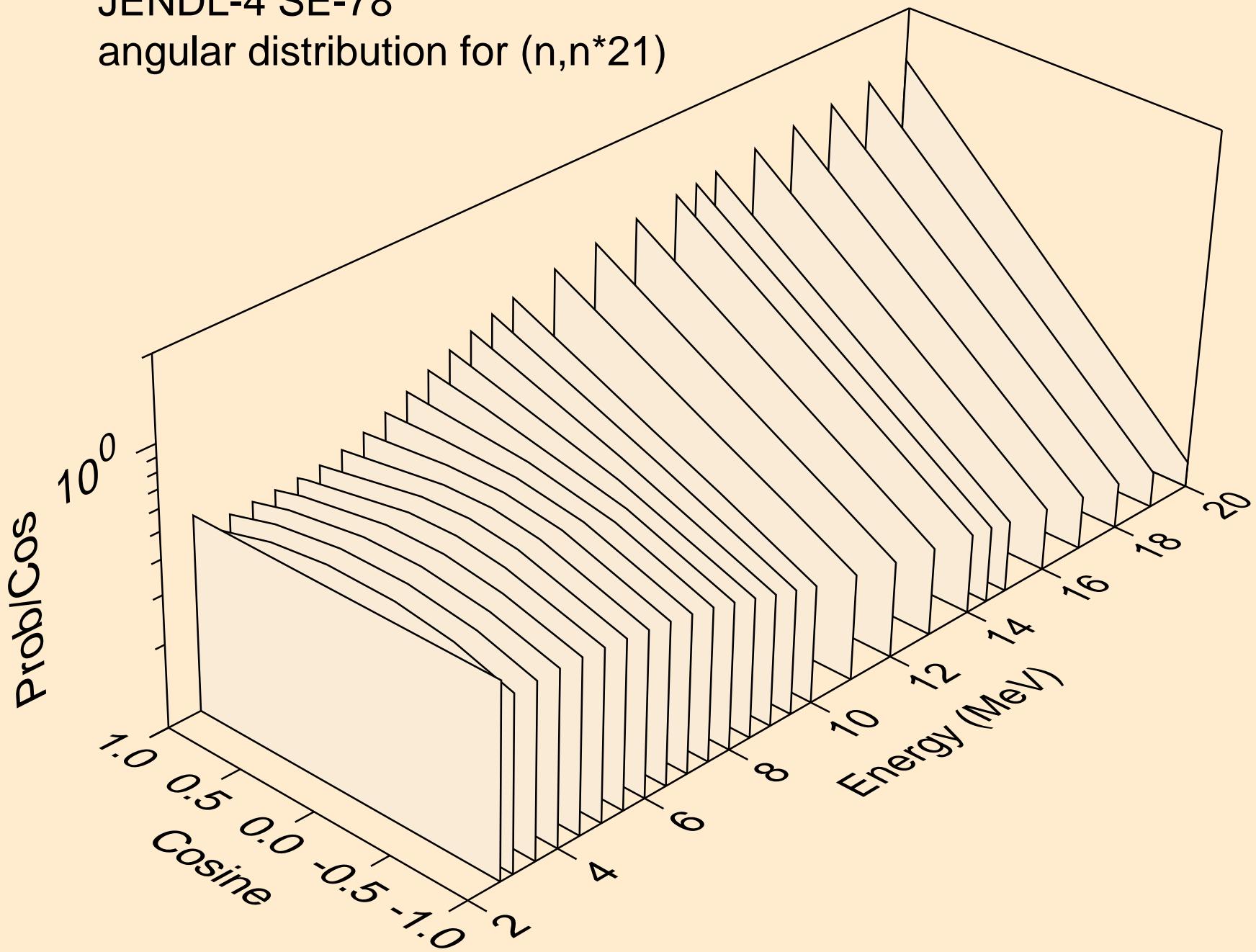
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angular distribution for  $(n,n^*19)$



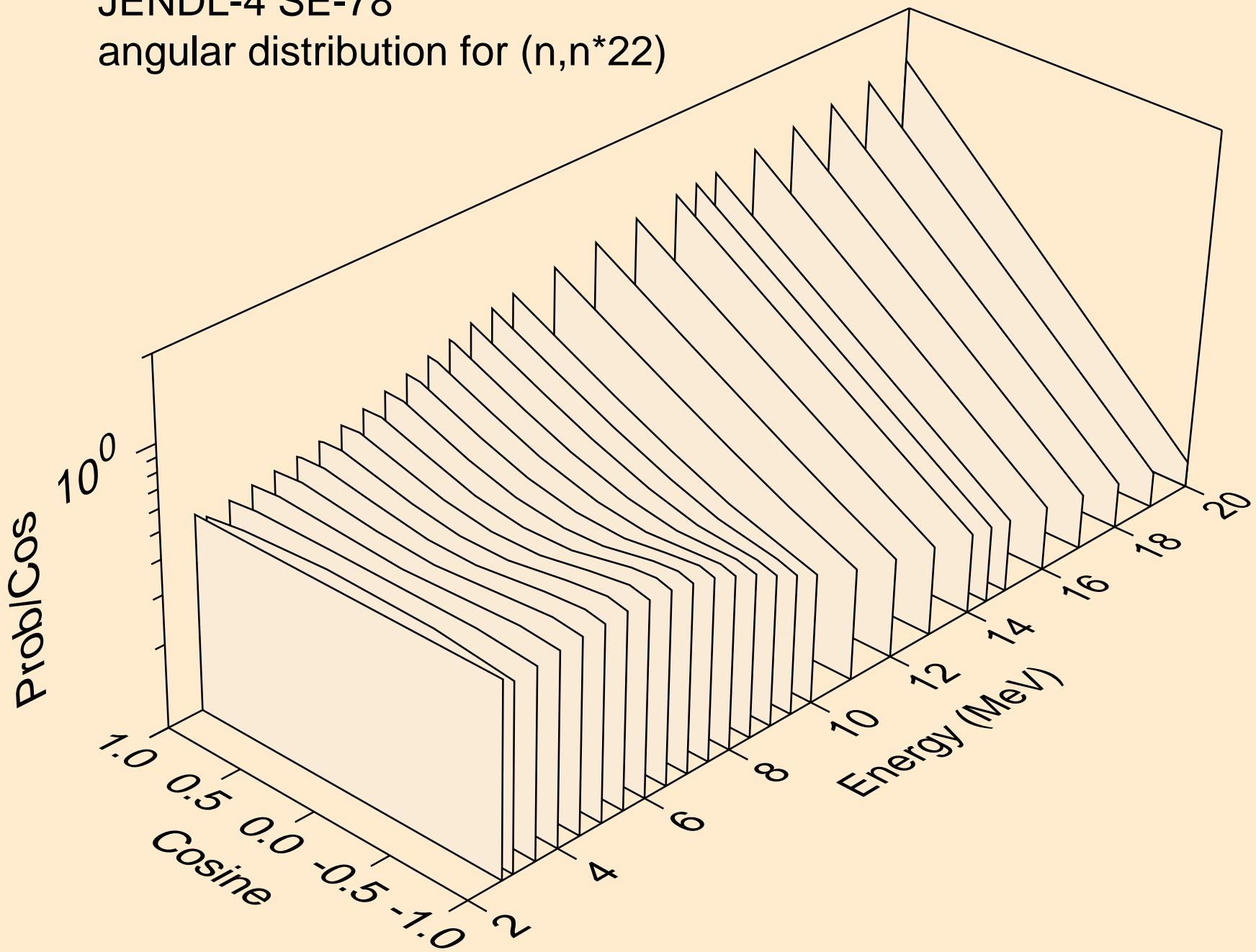
JENDL-4 SE-78  
angular distribution for (n,n\*20)



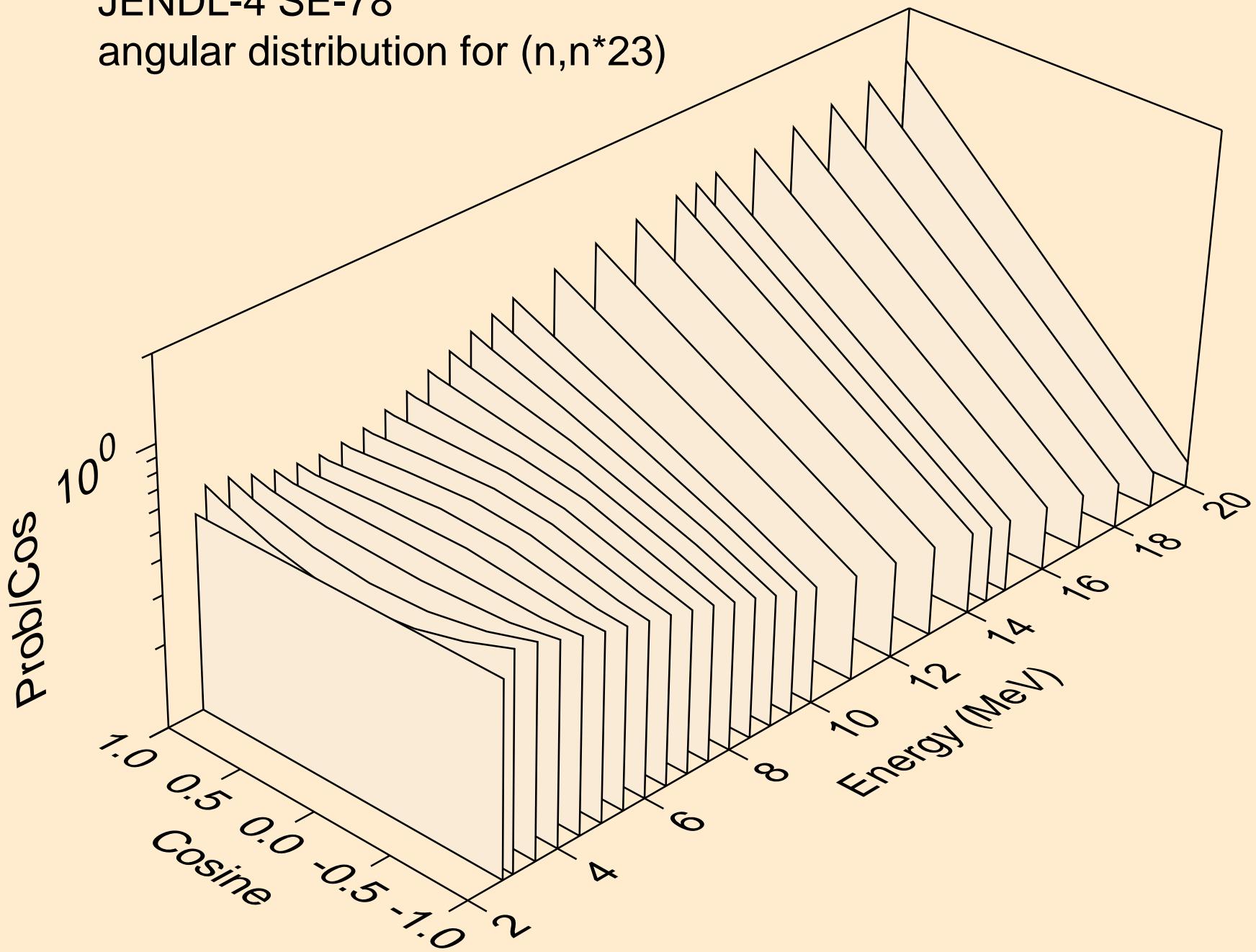
JENDL-4 SE-78  
angular distribution for  $(n,n^*21)$



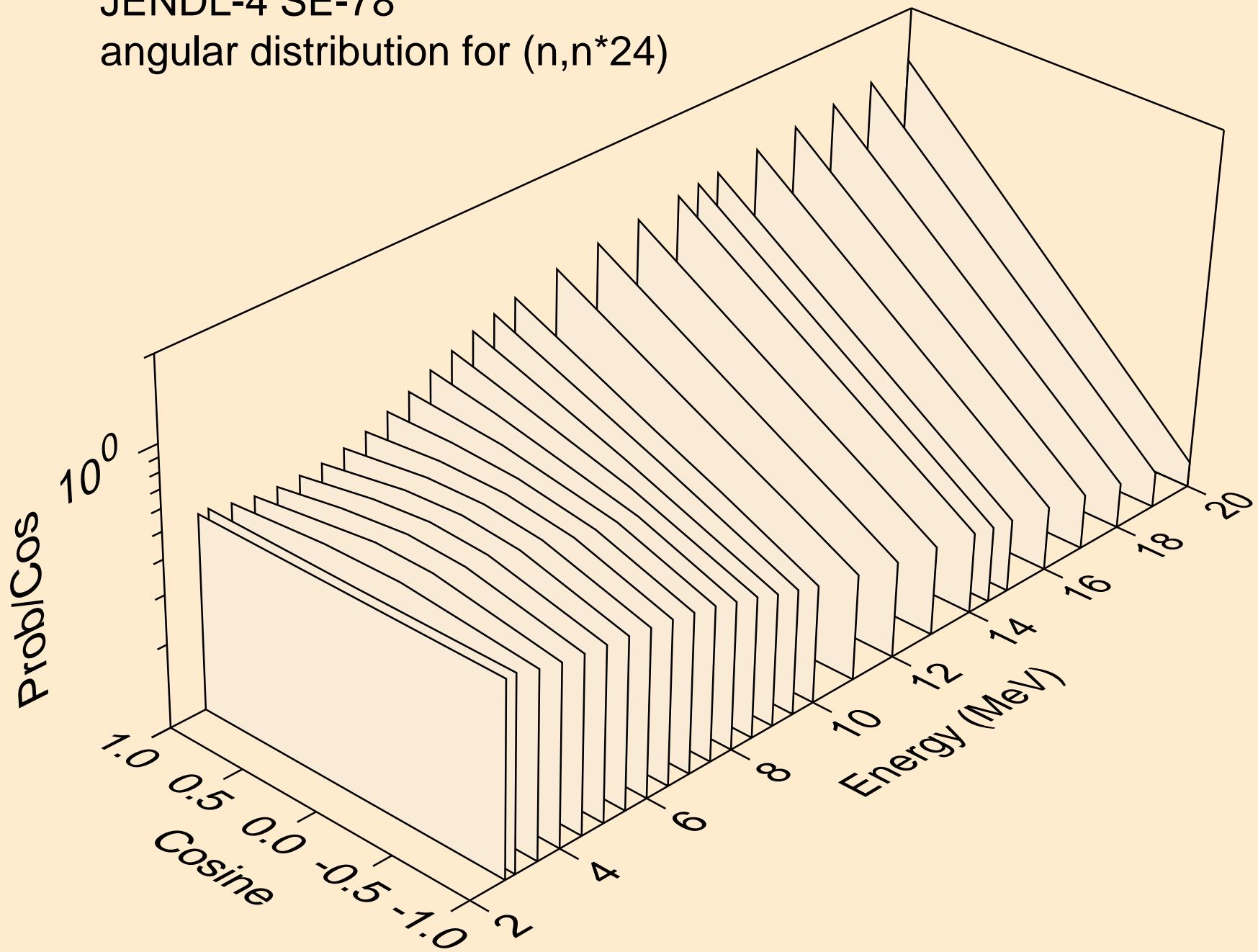
JENDL-4 SE-78  
angular distribution for  $(n,n^*22)$



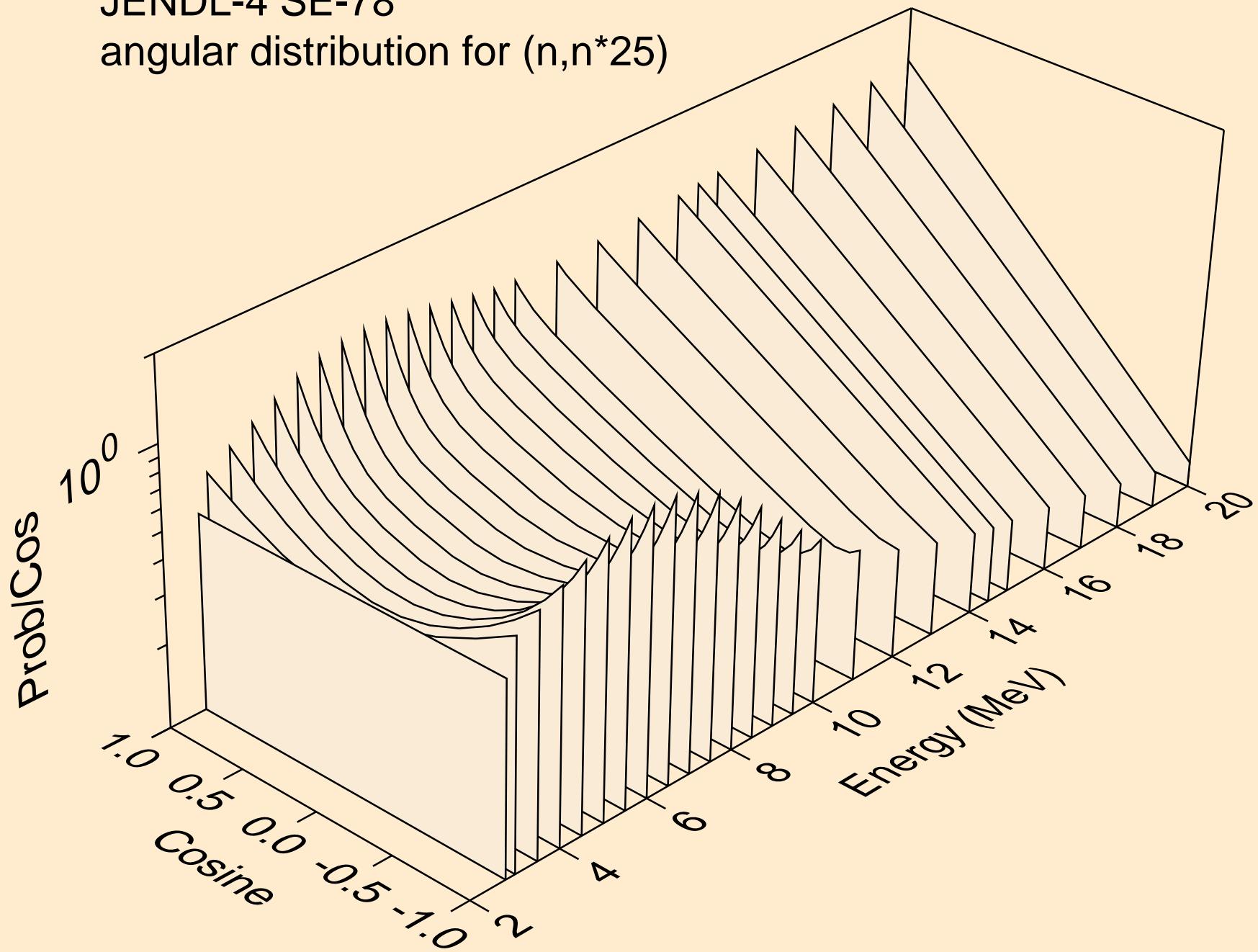
JENDL-4 SE-78  
angular distribution for (n,n\*23)



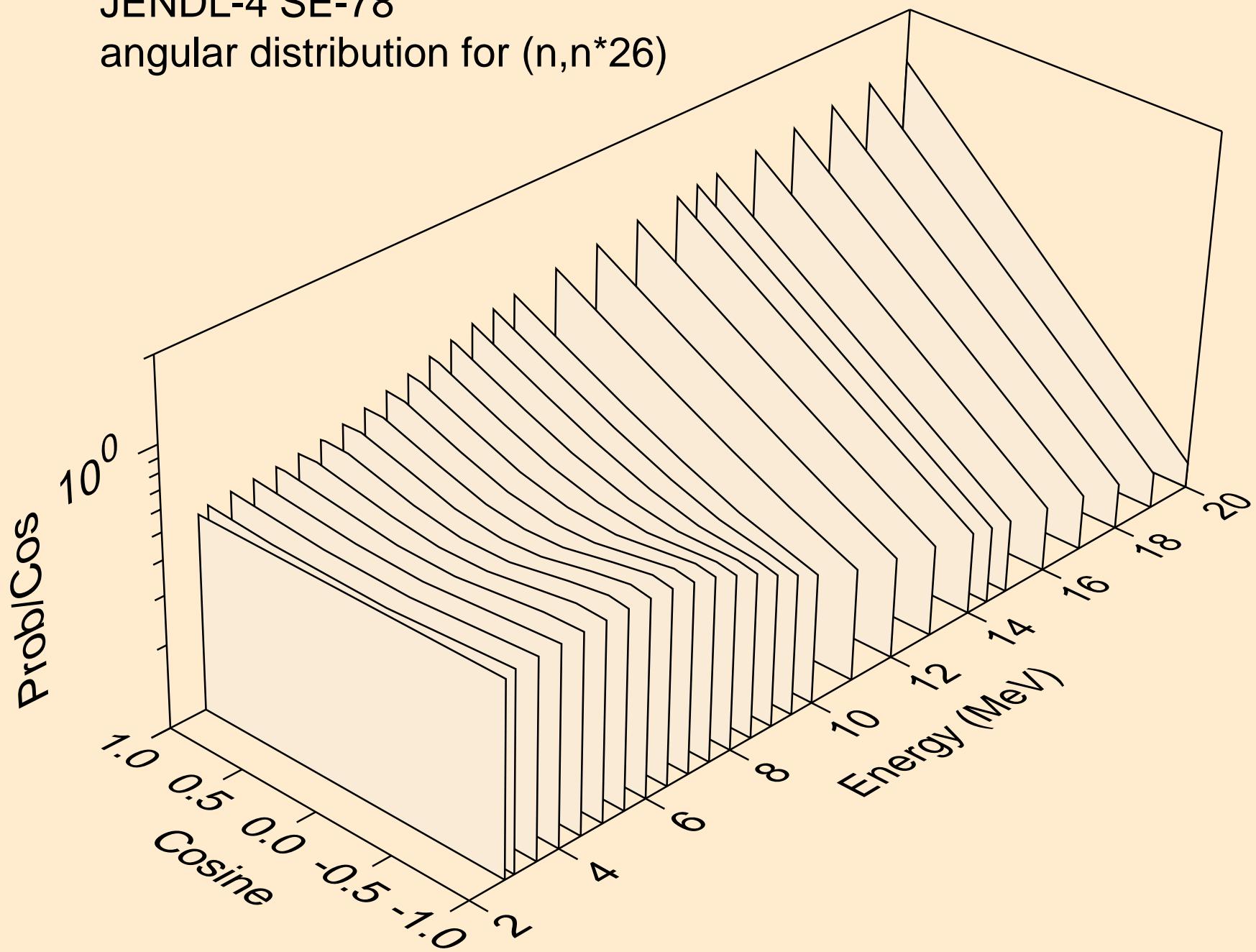
JENDL-4 SE-78  
angular distribution for ( $n, n^*$ )24



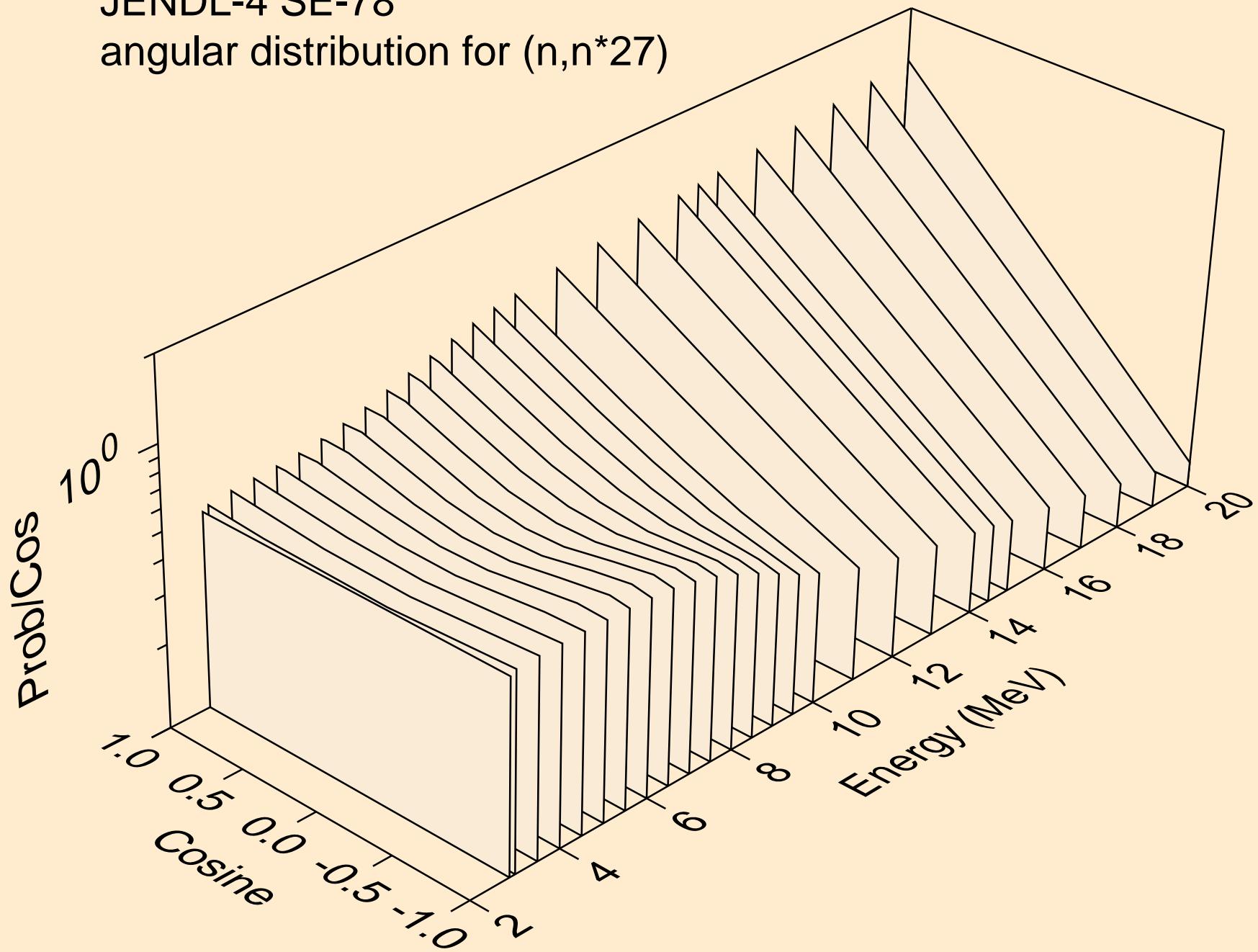
JENDL-4 SE-78  
angular distribution for  $(n,n^*25)$



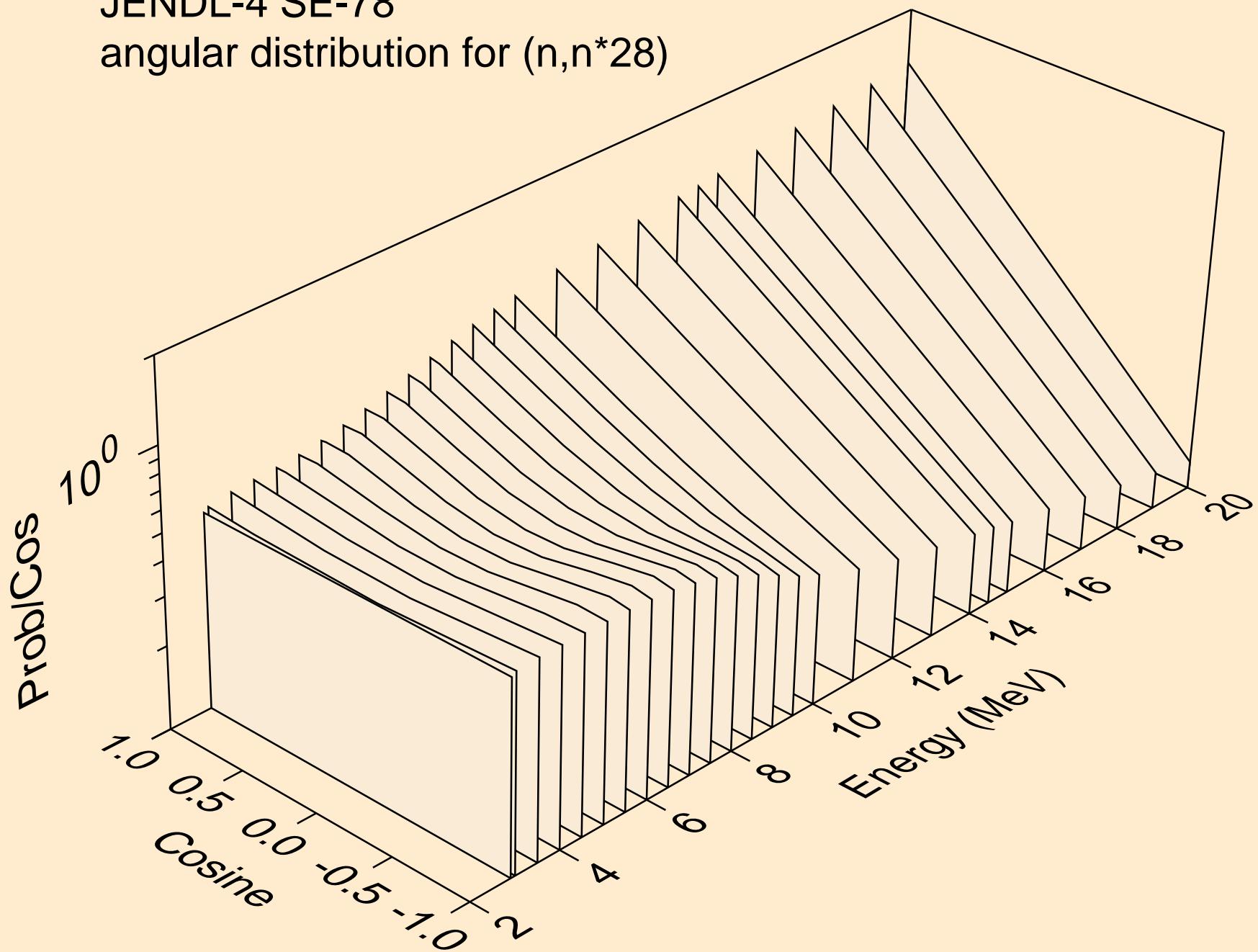
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angular distribution for  $(n,n^*26)$



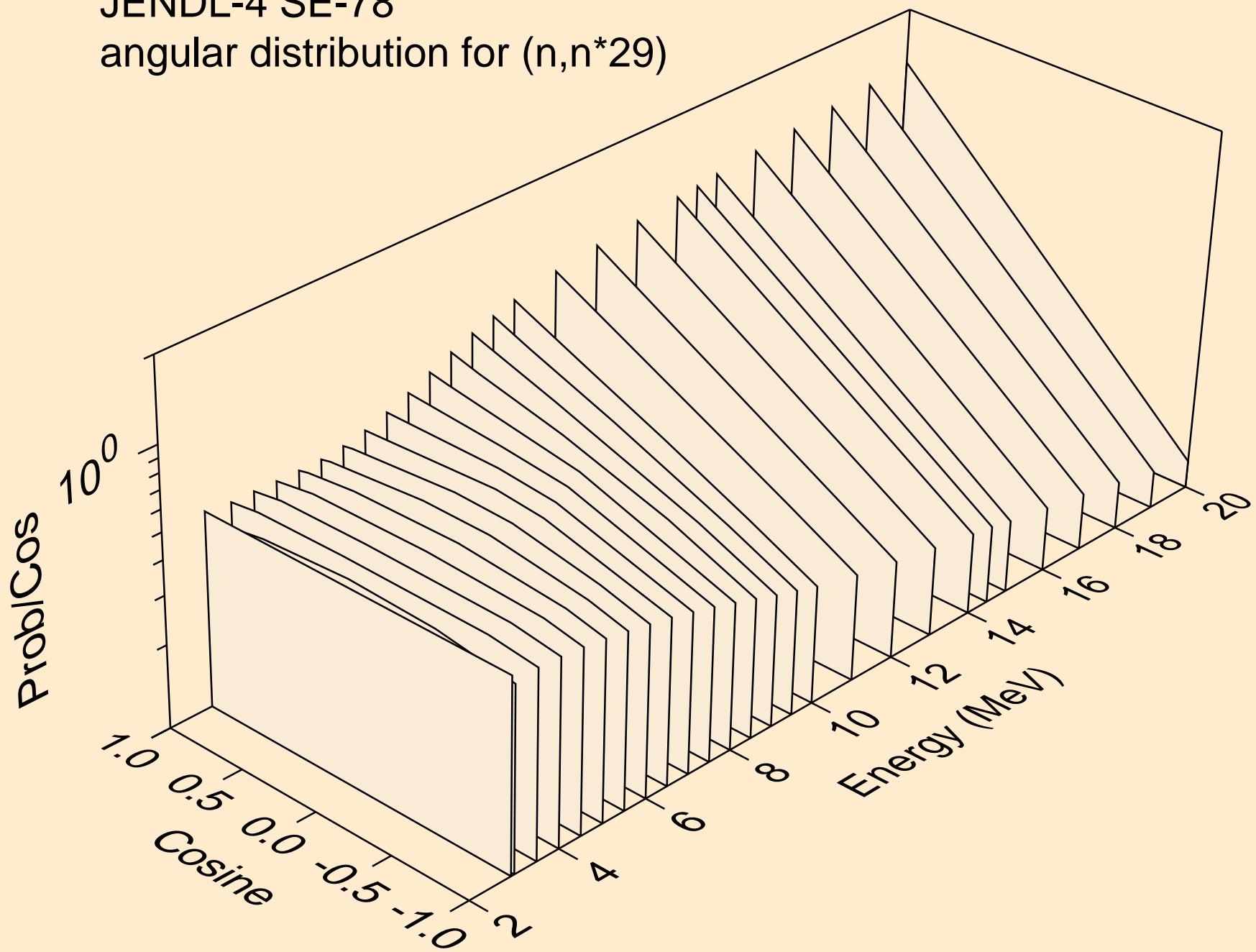
JENDL-4 SE-78  
angular distribution for  $(n,n^*27)$



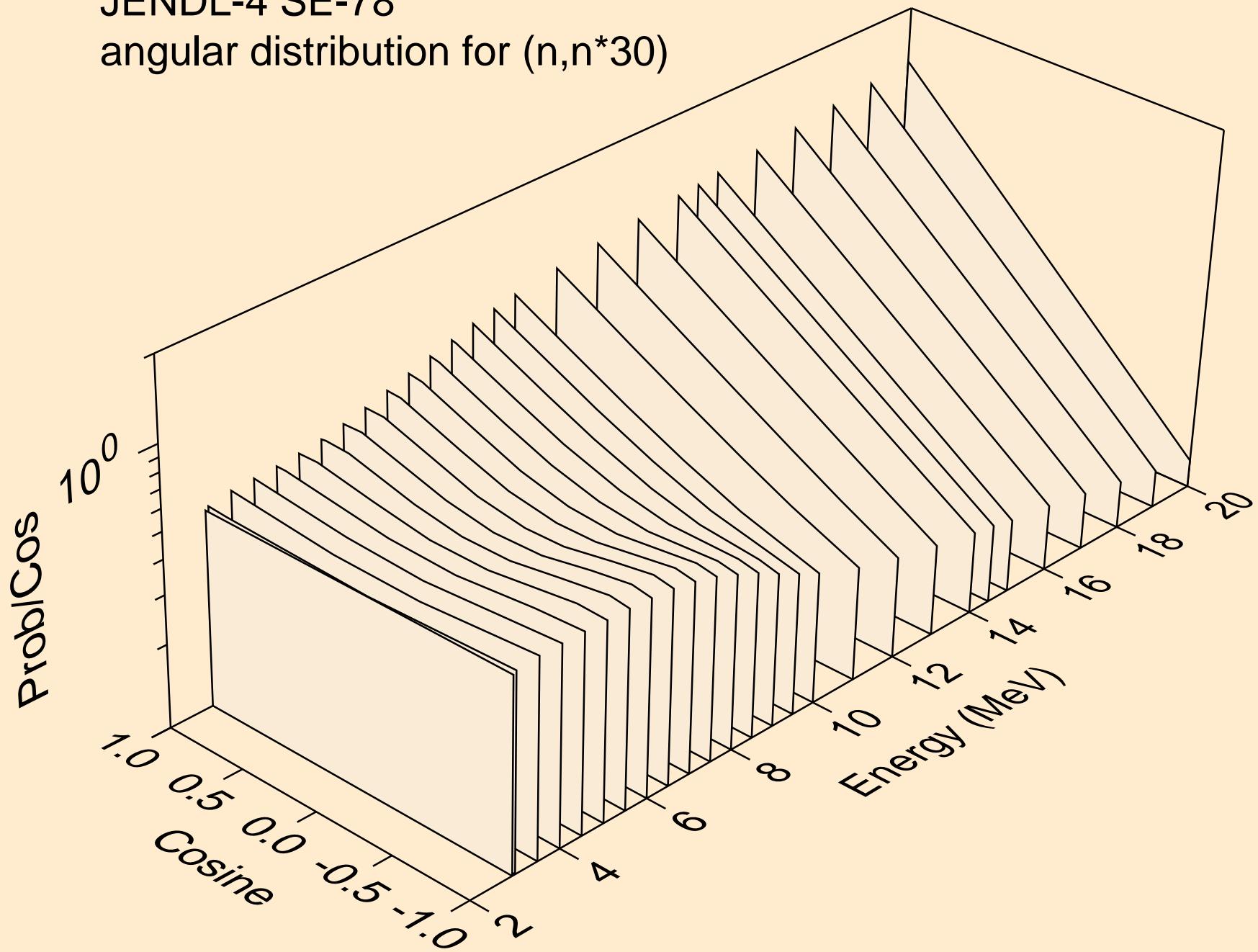
JENDL-4 SE-78  
angular distribution for  $(n,n^*28)$



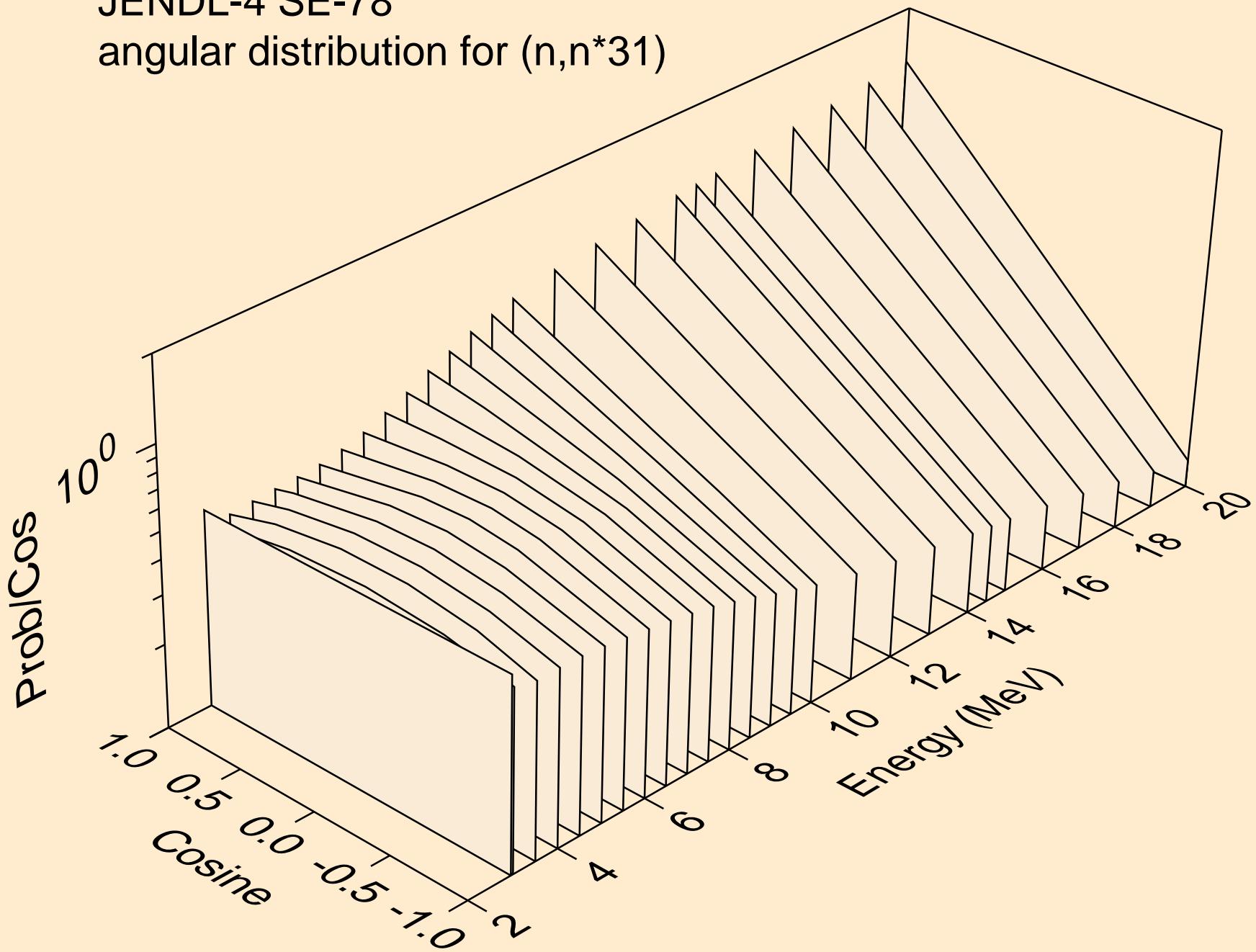
JENDL-4 SE-78  
angular distribution for  $(n,n^*29)$



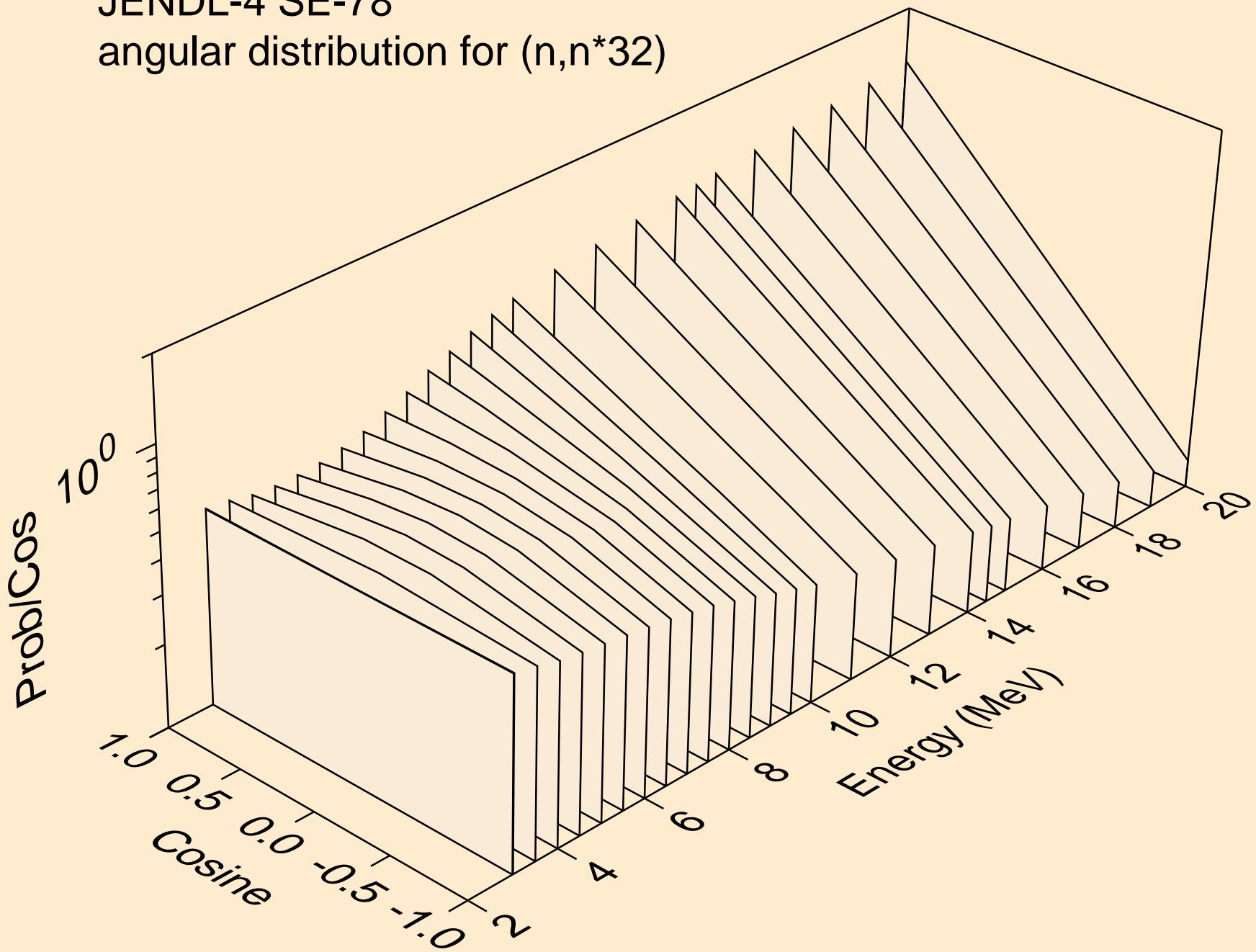
JENDL-4 SE-78  
angular distribution for (n,n\*30)



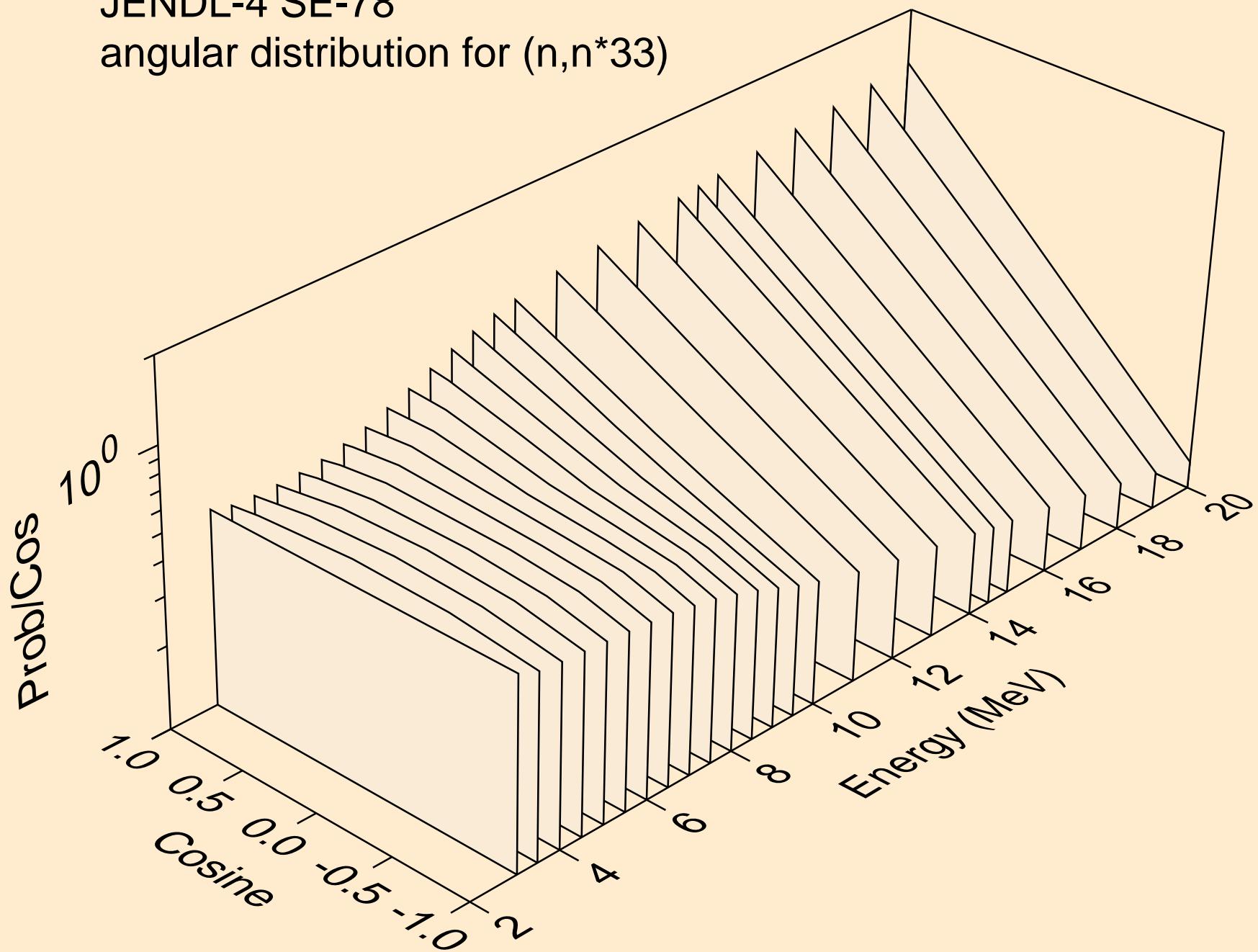
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angular distribution for  $(n,n^*31)$



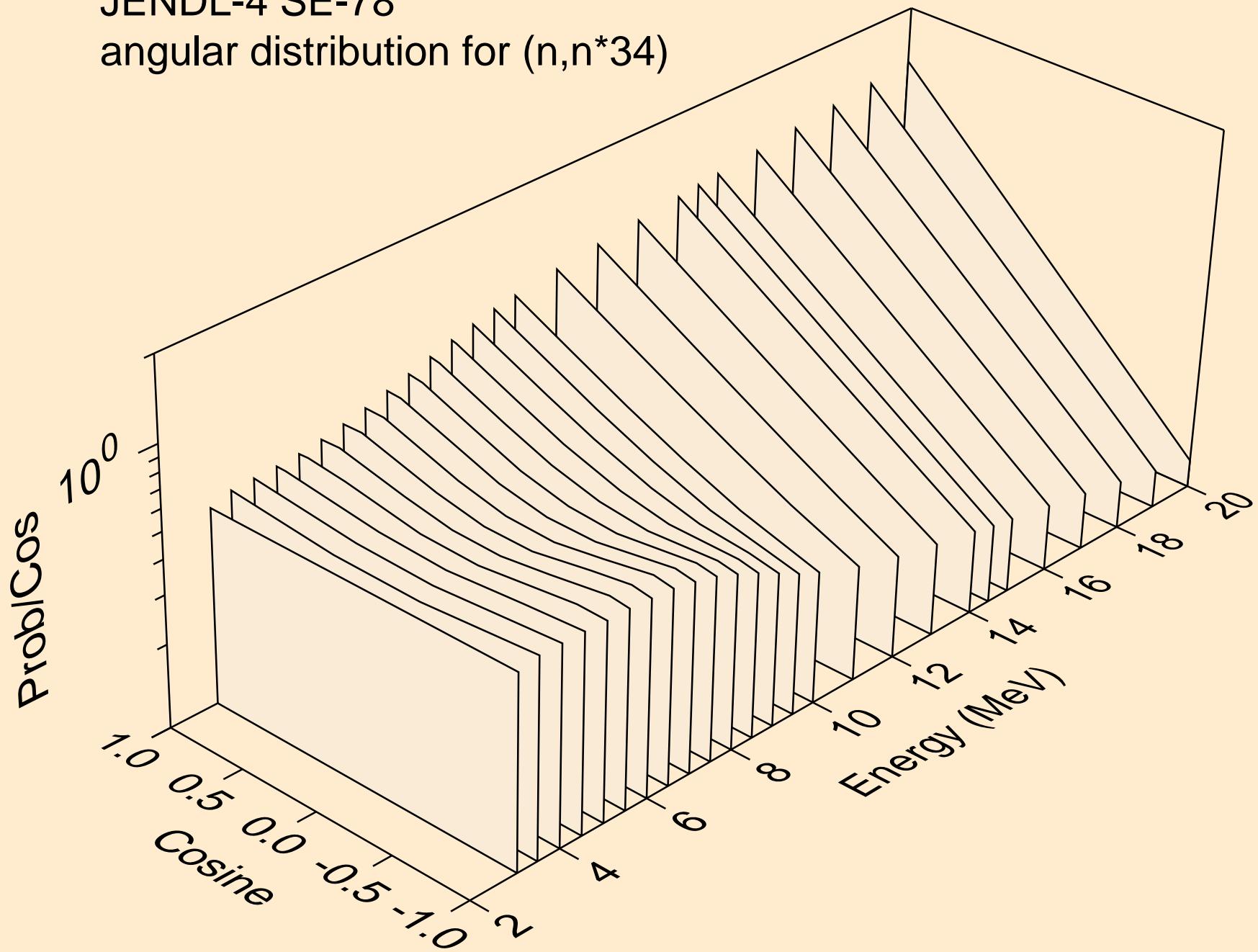
JENDL-4 SE-78  
angular distribution for (n,n\*32)



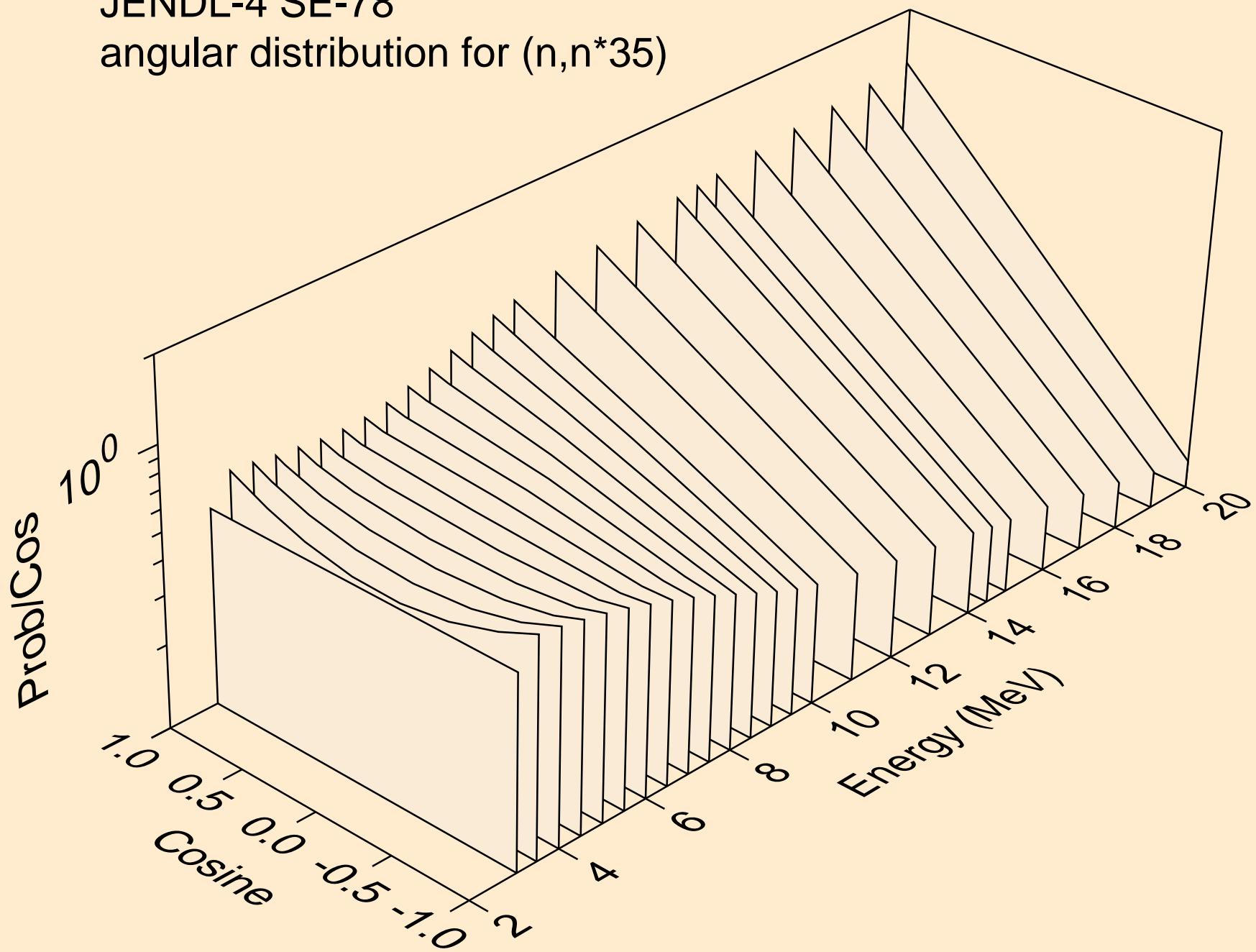
JENDL-4 SE-78  
angular distribution for ( $n, n^* 33$ )



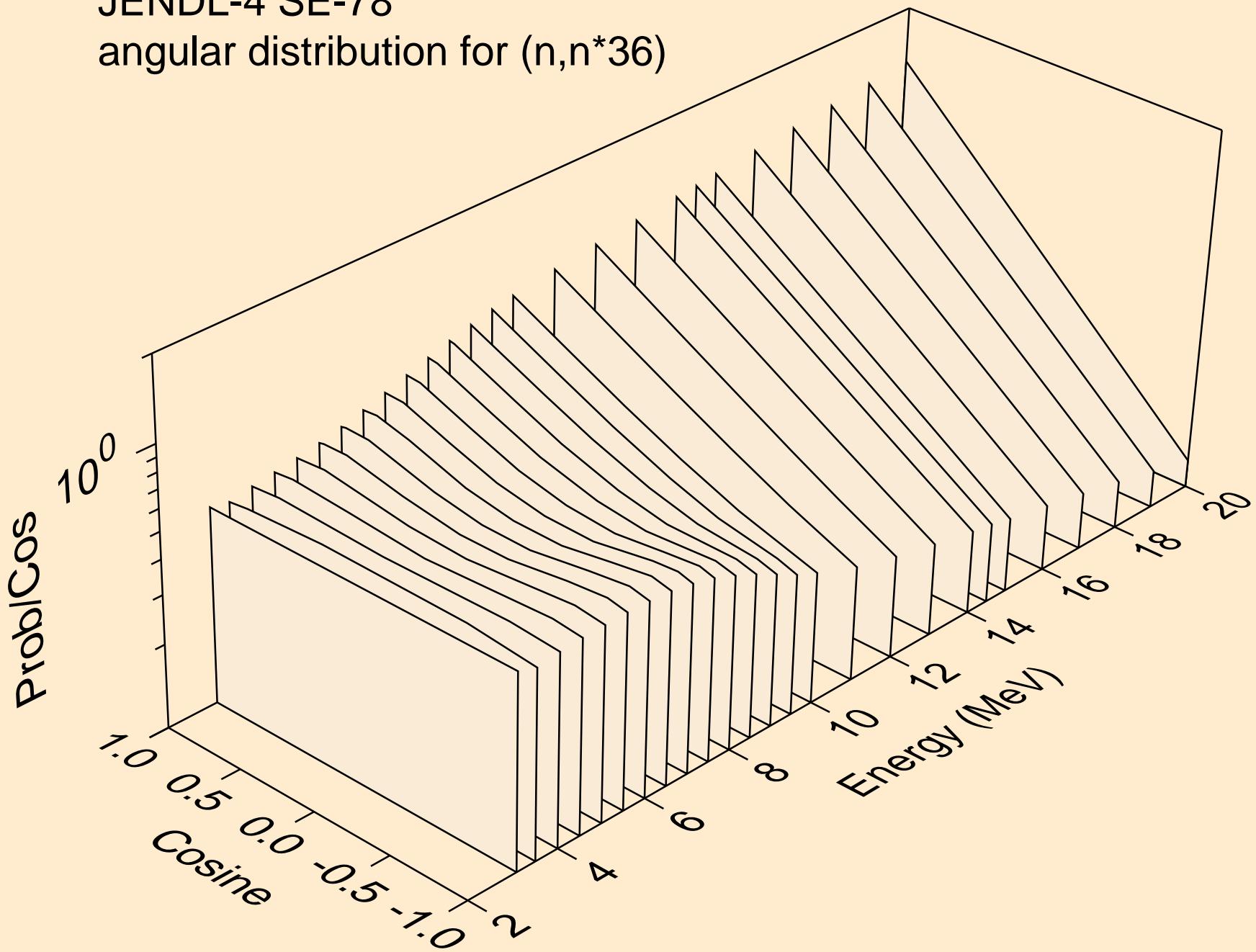
JENDL-4 SE-78  
angular distribution for ( $n, n^* 34$ )



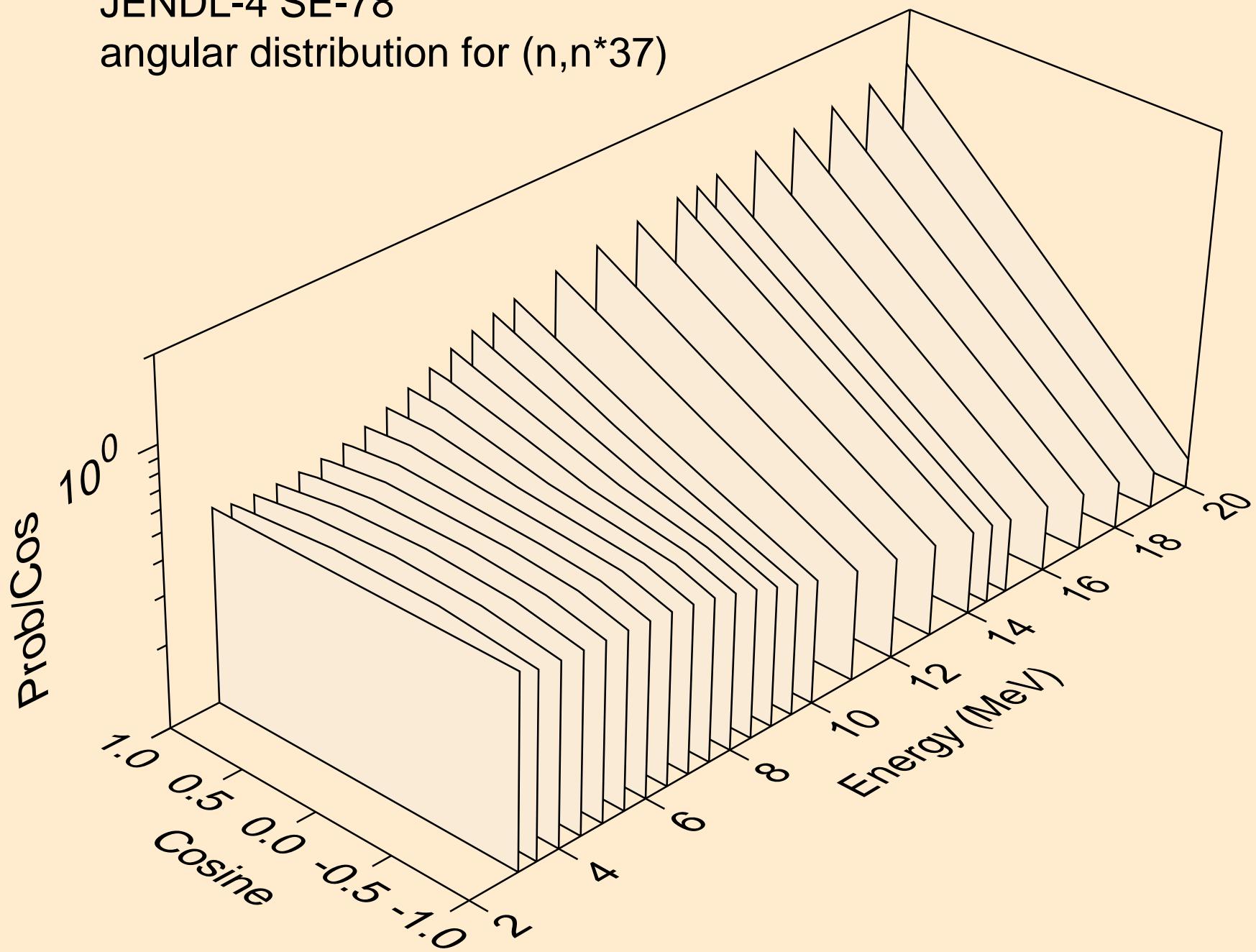
JENDL-4 SE-78  
angular distribution for  $(n,n^*35)$



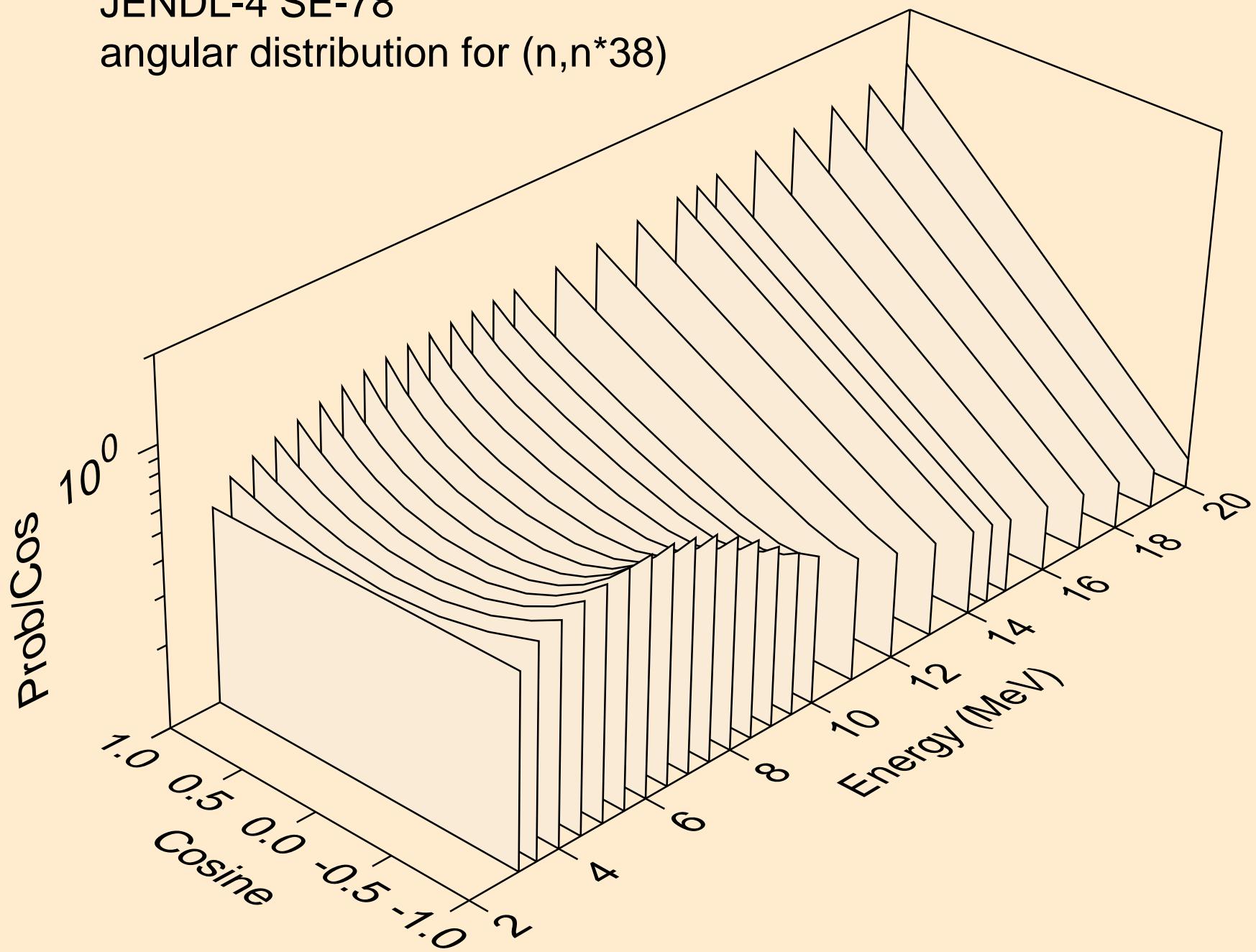
JENDL-4 SE-78  
angular distribution for  $(n,n^*36)$



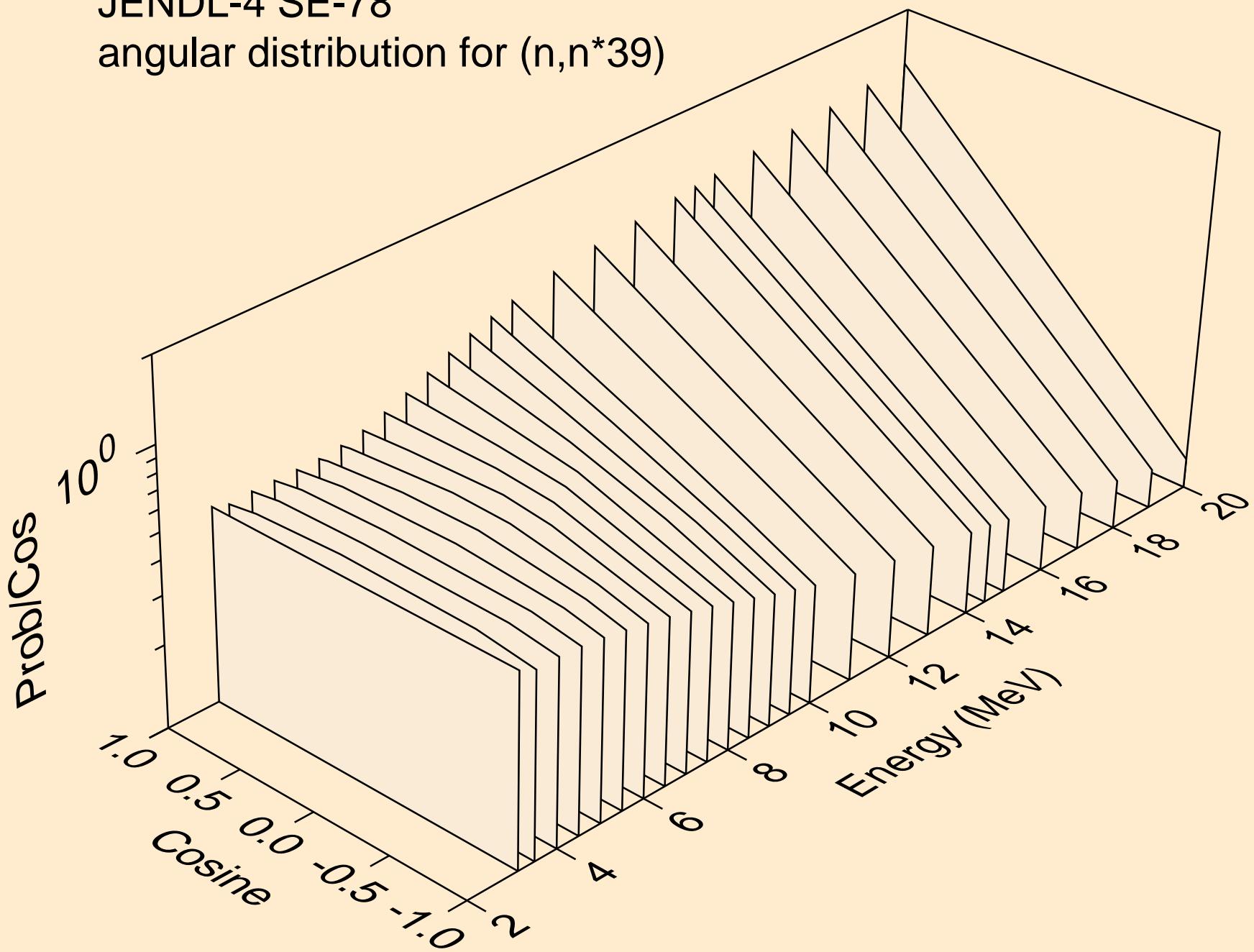
JENDL-4 SE-78  
angular distribution for ( $n, n^* 37$ )



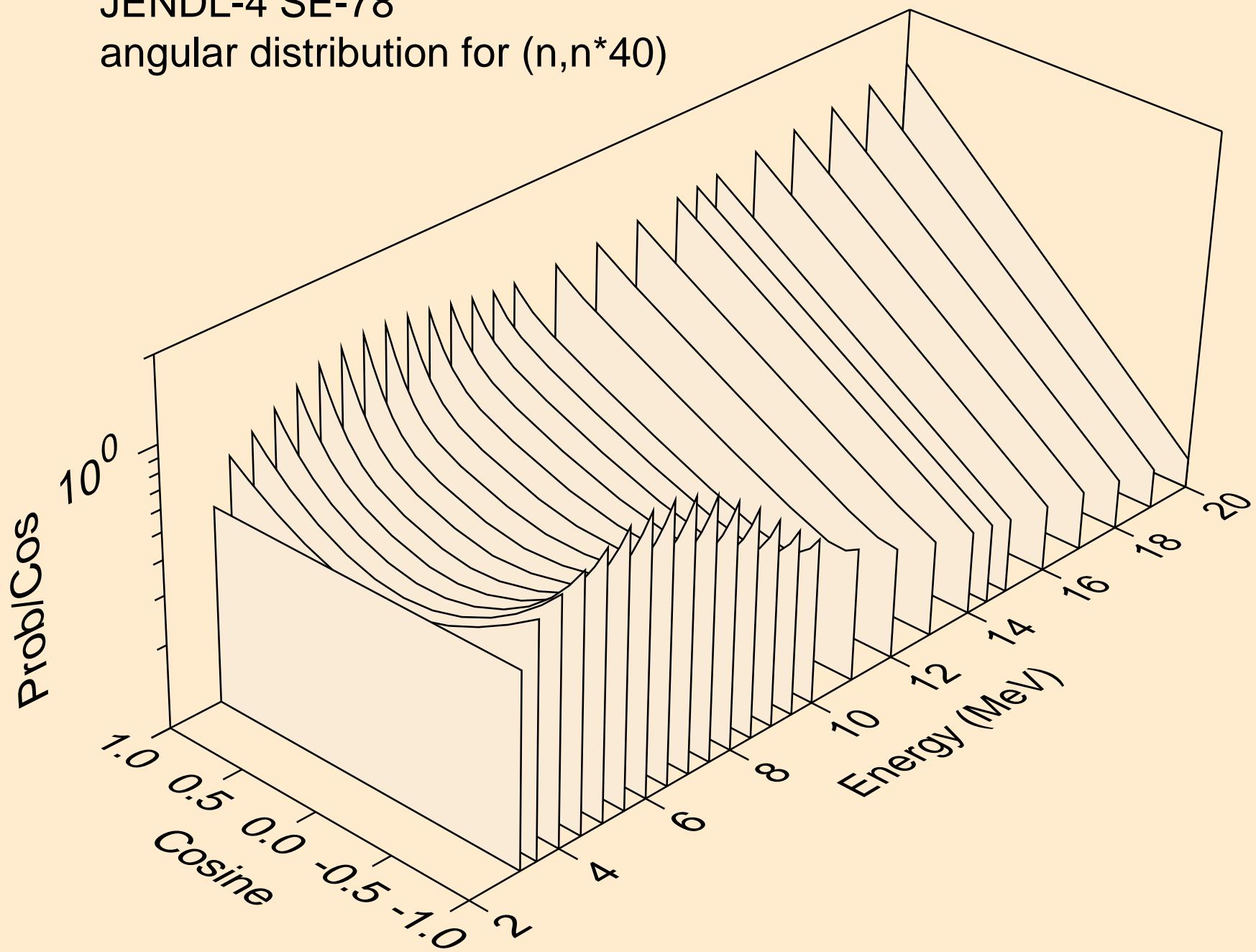
JENDL-4 SE-78  
angular distribution for  $(n,n^*38)$



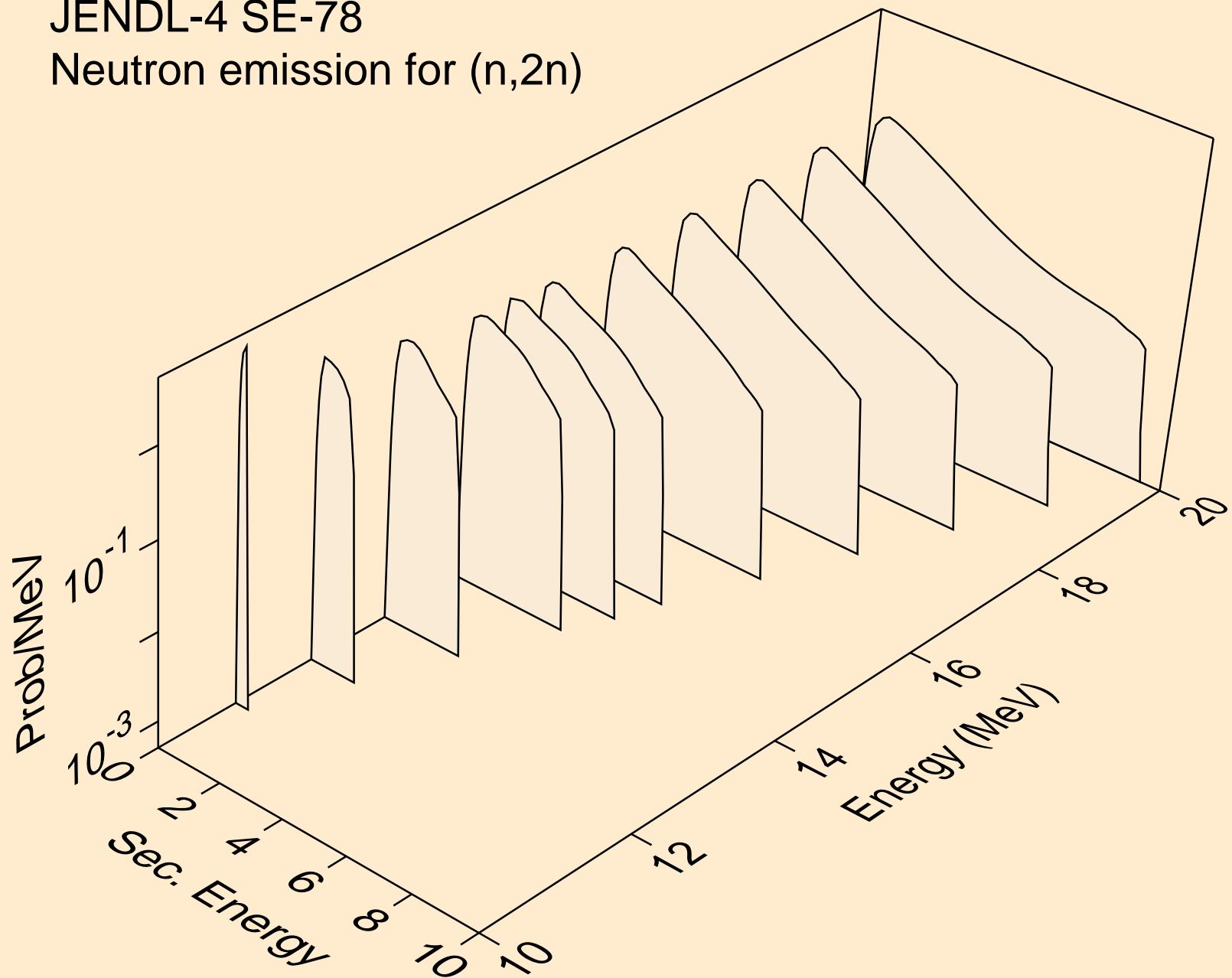
JENDL-4 SE-78  
angular distribution for  $(n,n^*39)$



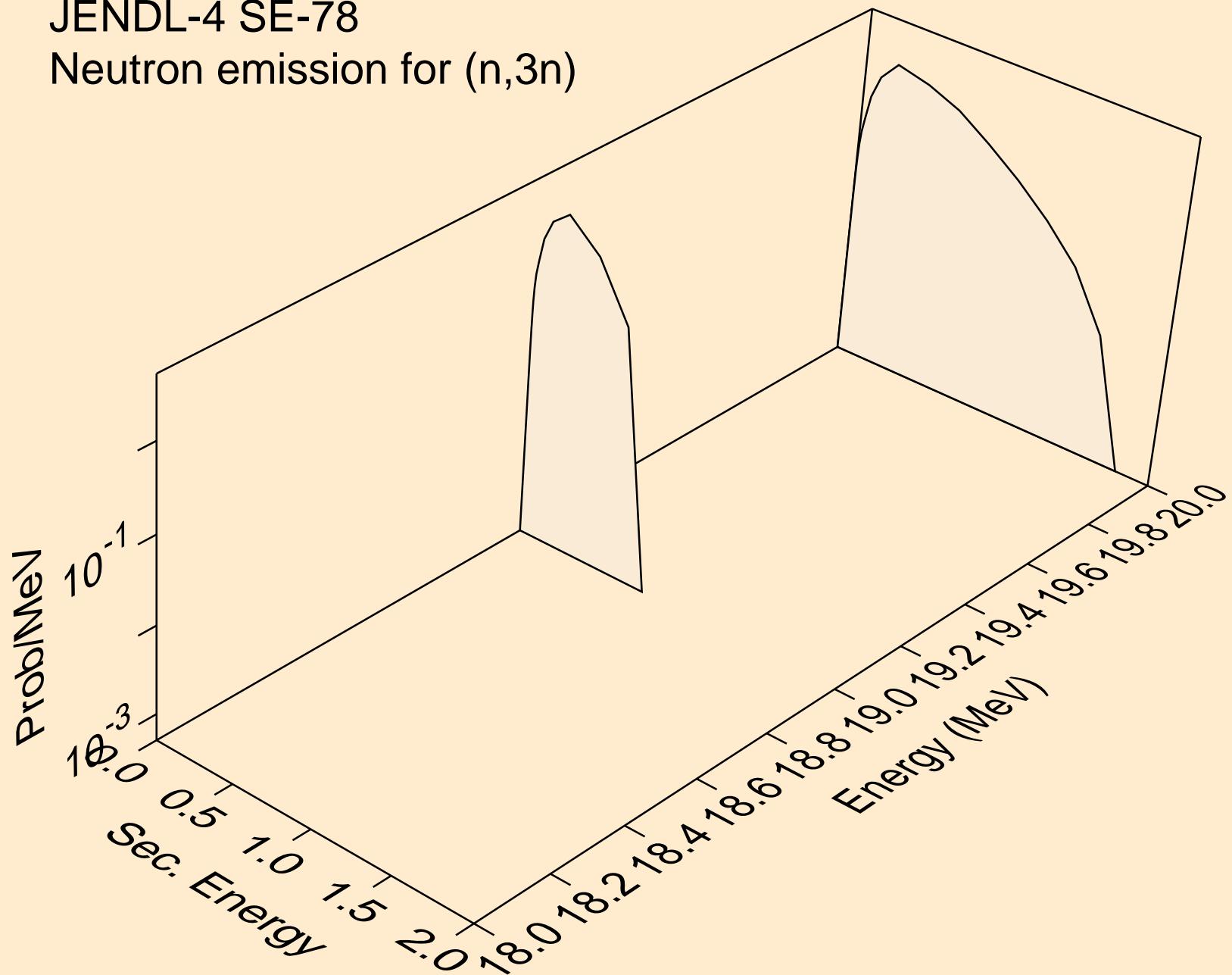
JENDL-4 SE-78  
angular distribution for ( $n,n^*$ )40



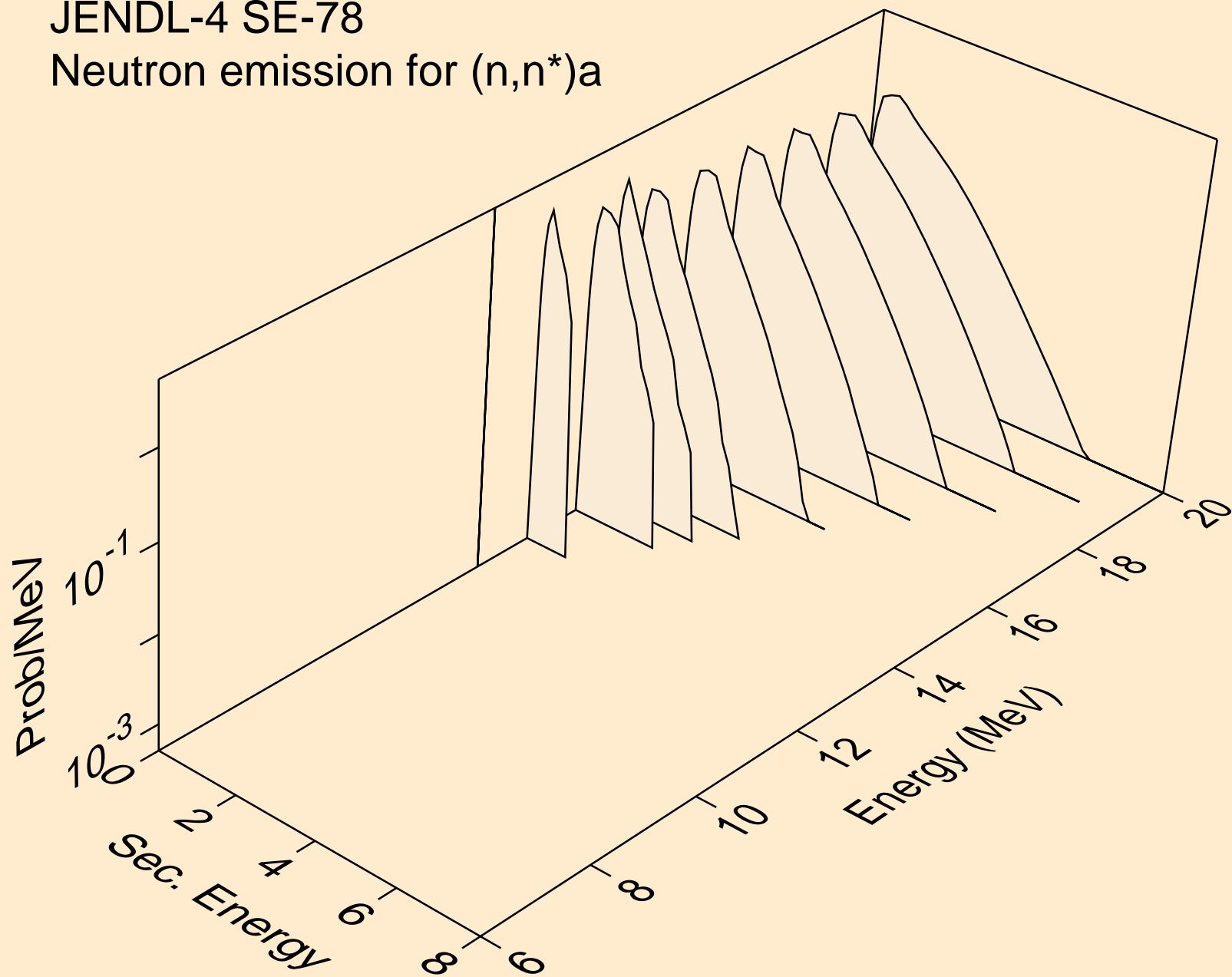
JENDL-4 SE-78  
Neutron emission for  $(n,2n)$



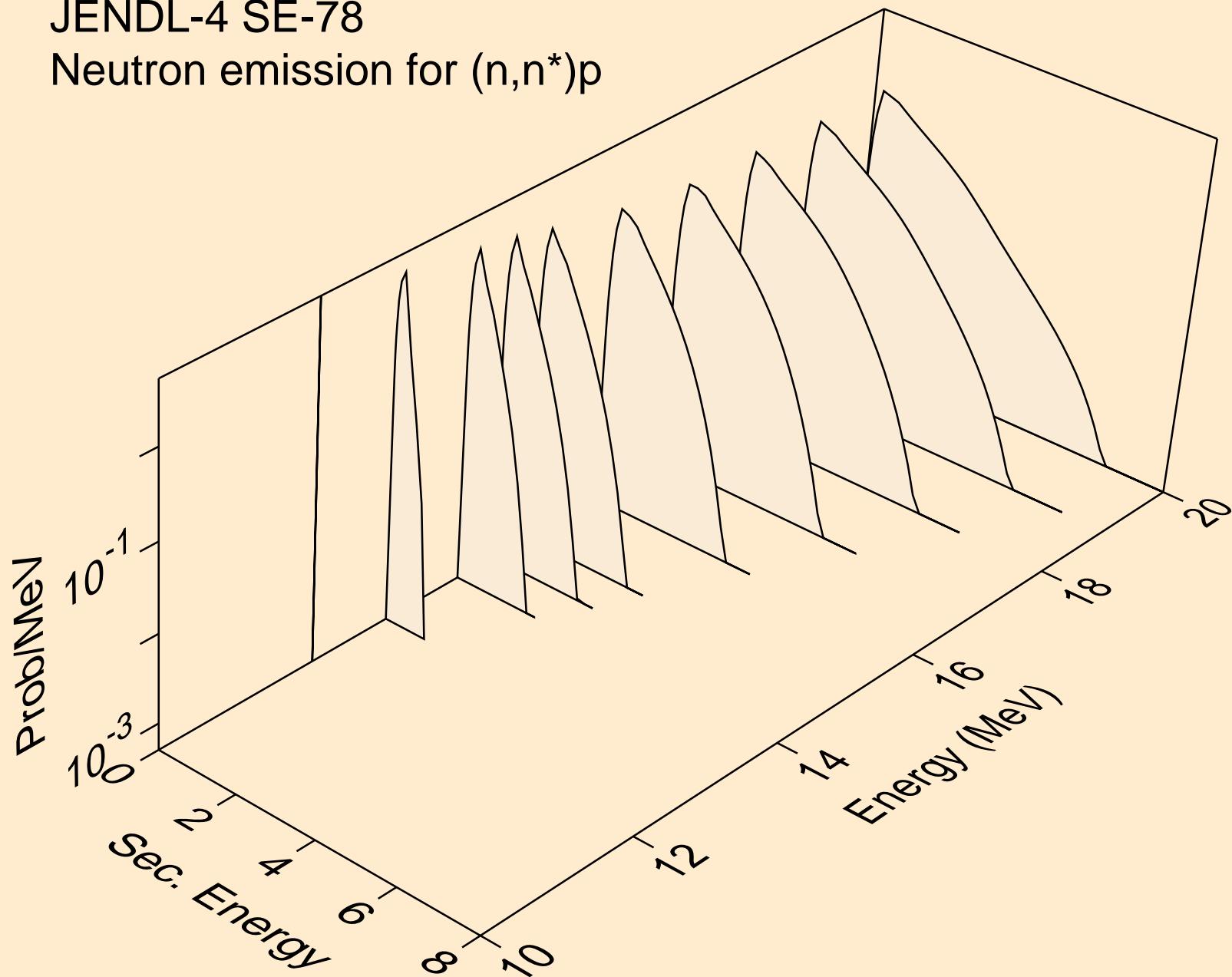
JENDL-4 SE-78  
Neutron emission for (n,3n)



JENDL-4 SE-78  
Neutron emission for  $(n,n^*)a$

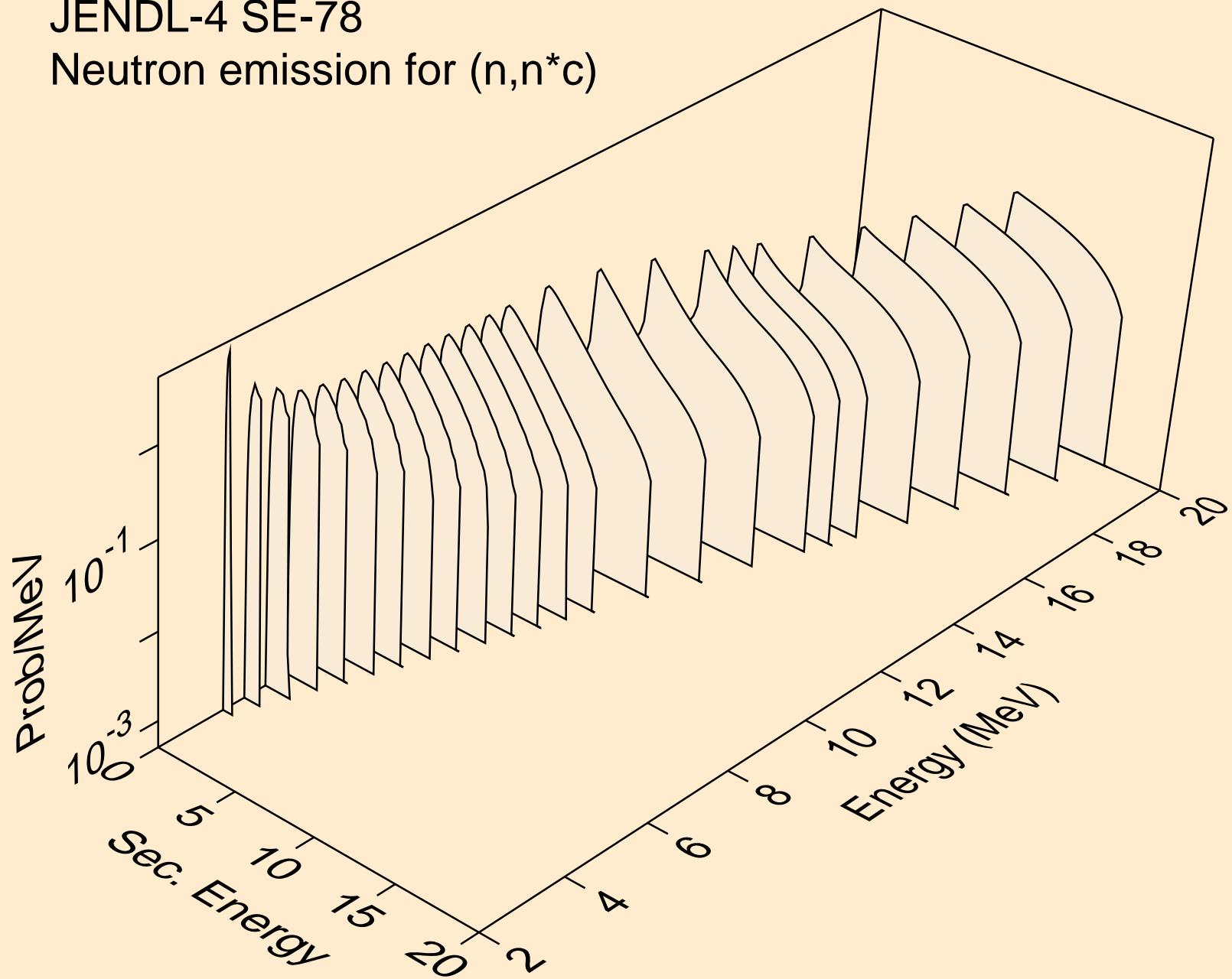


JENDL-4 SE-78  
Neutron emission for  $(n,n^*)p$

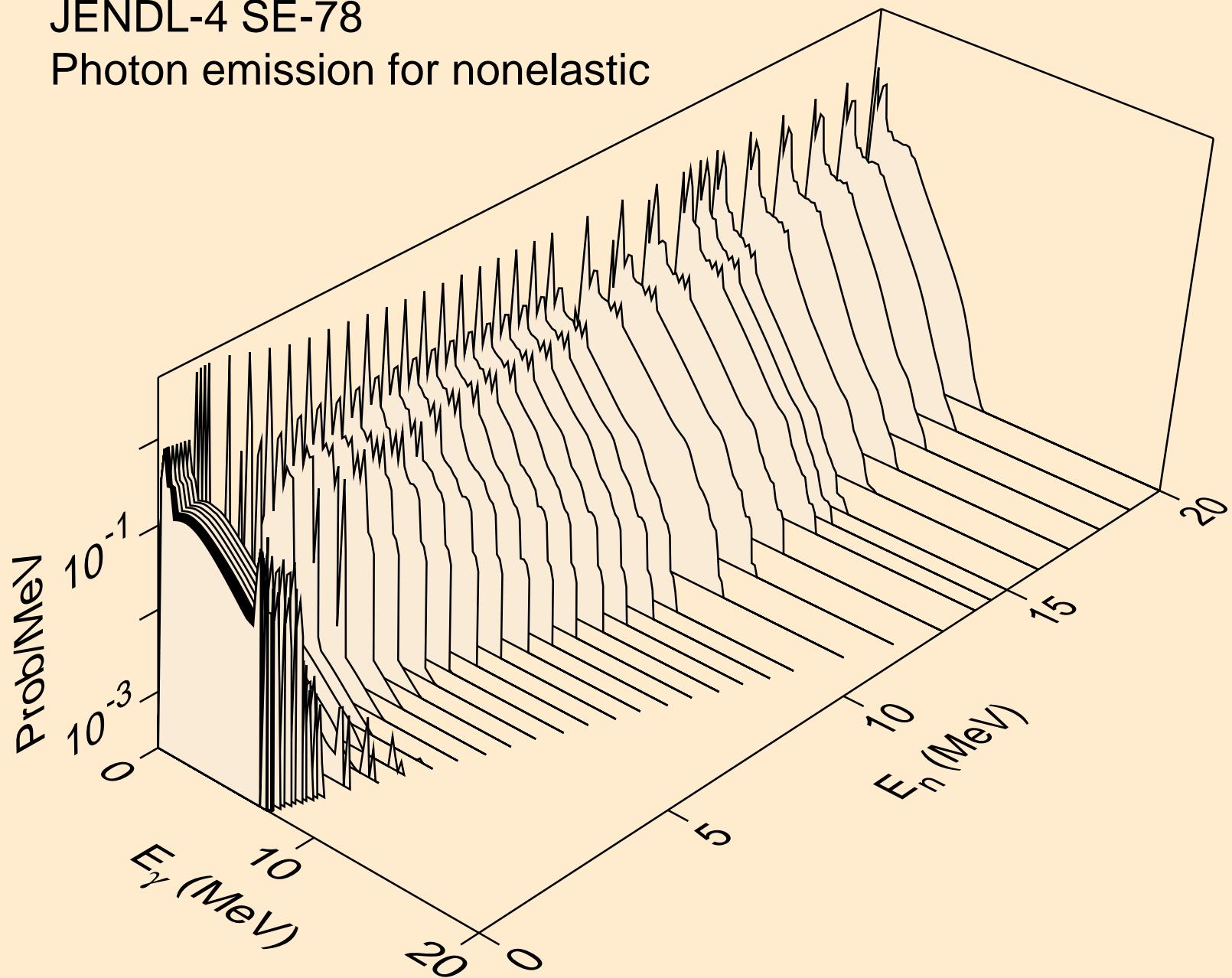


JENDL-4 SE-78

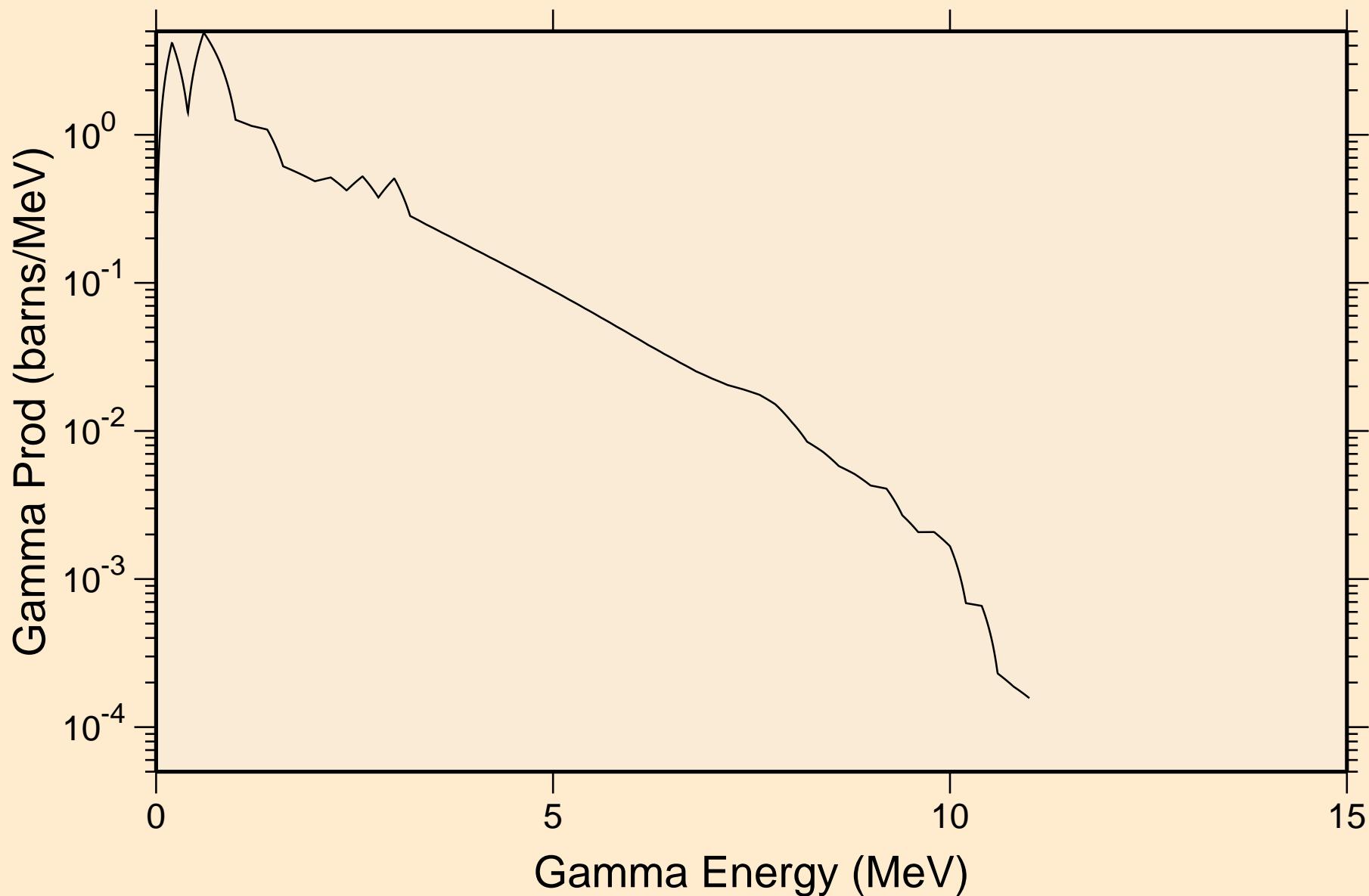
Neutron emission for  $(n, n^* c)$



JENDL-4 SE-78  
Photon emission for nonelastic

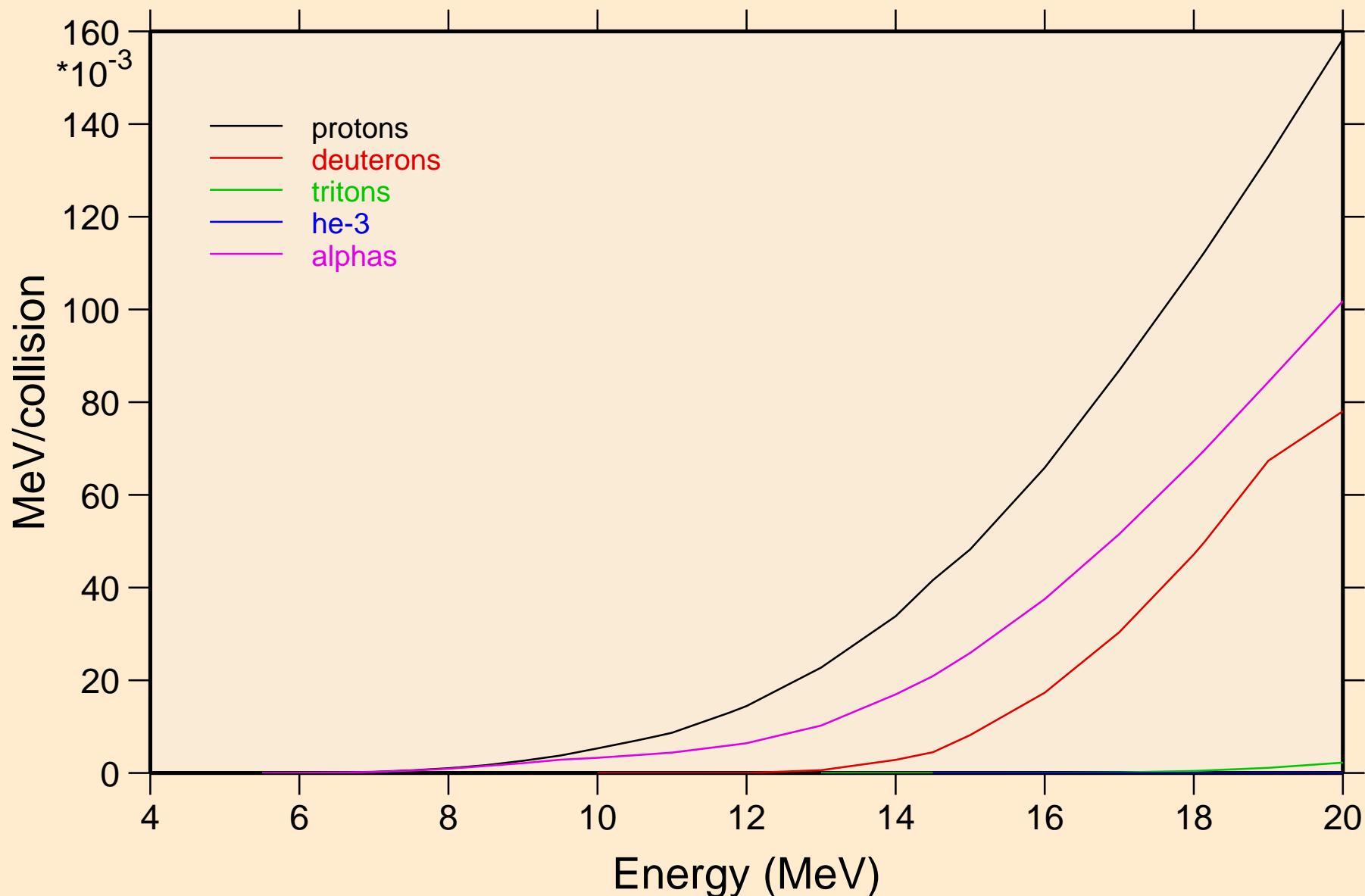


JENDL-4 SE-78  
14 MeV photon spectrum

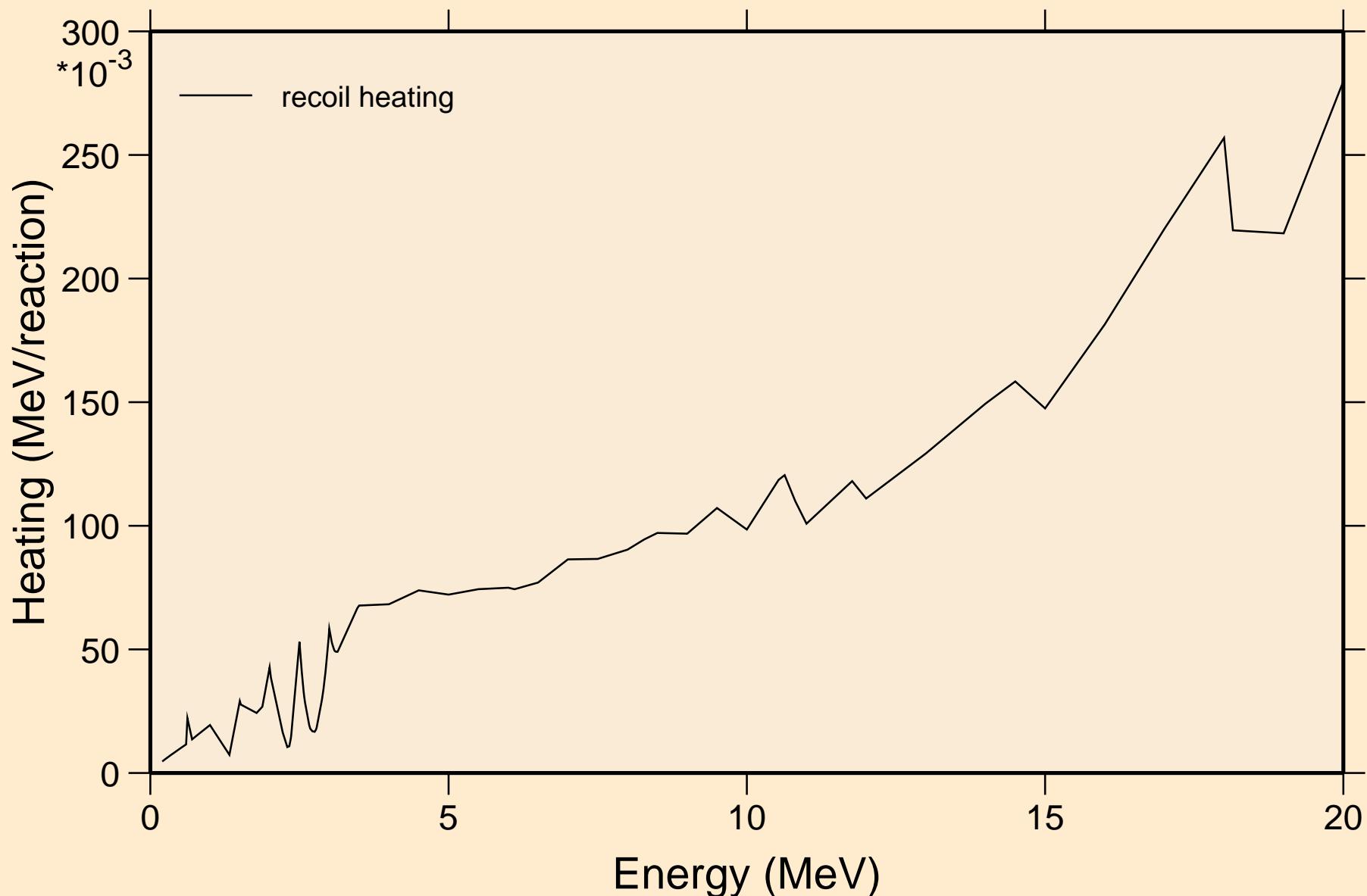


# JENDL-4 SE-78

## Particle heating contributions

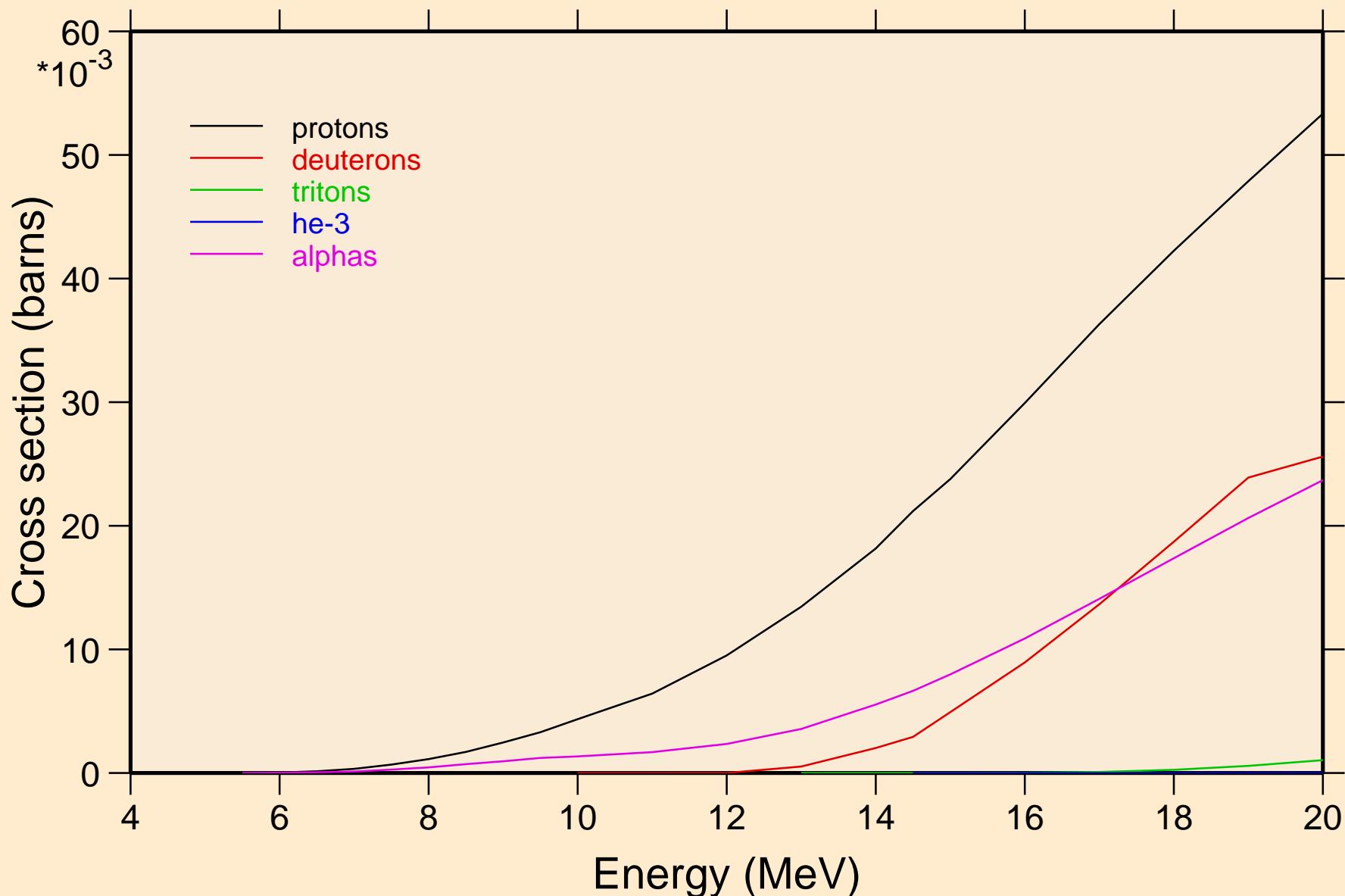


JENDL-4 SE-78  
Recoil Heating

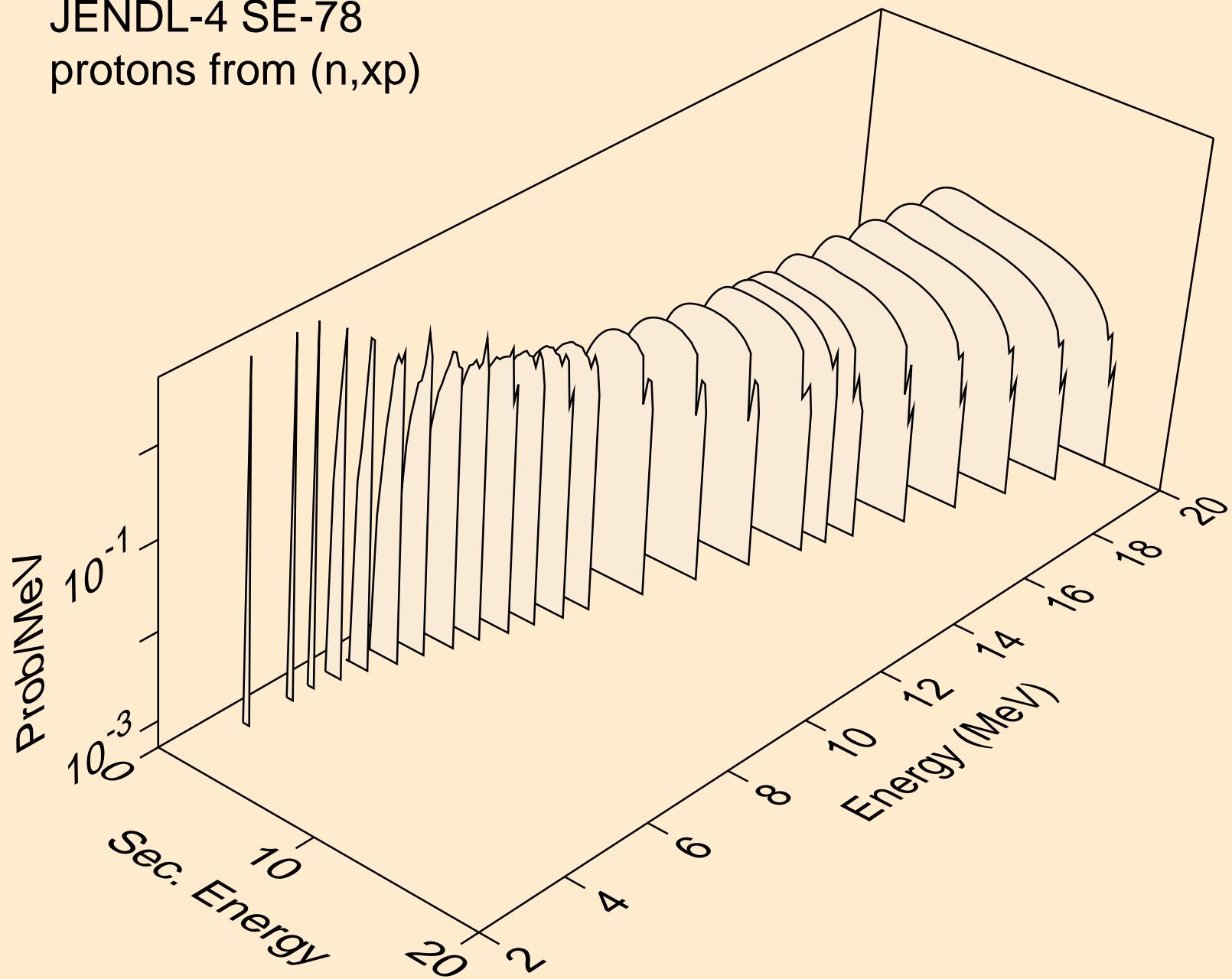


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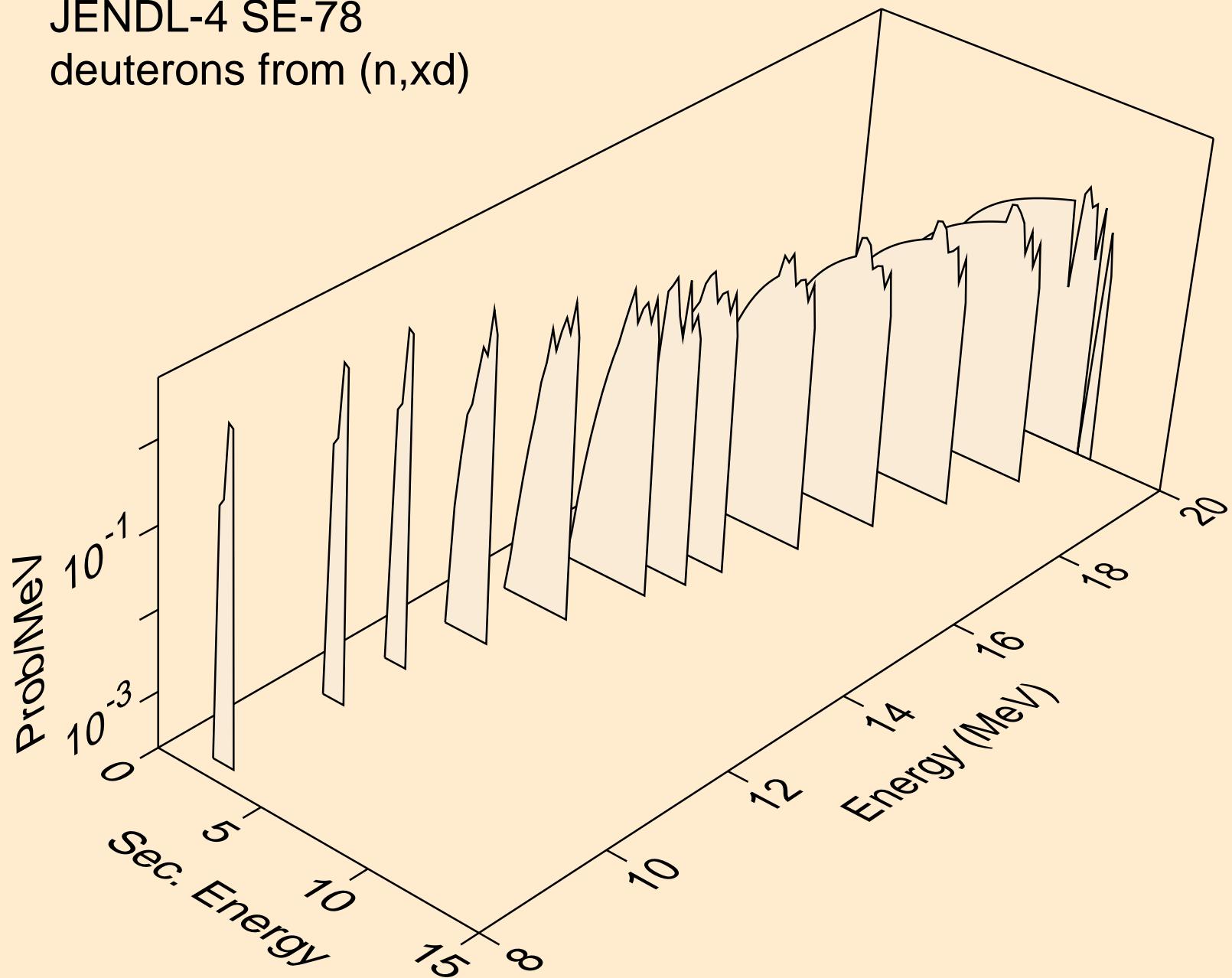
## Particle production cross sections



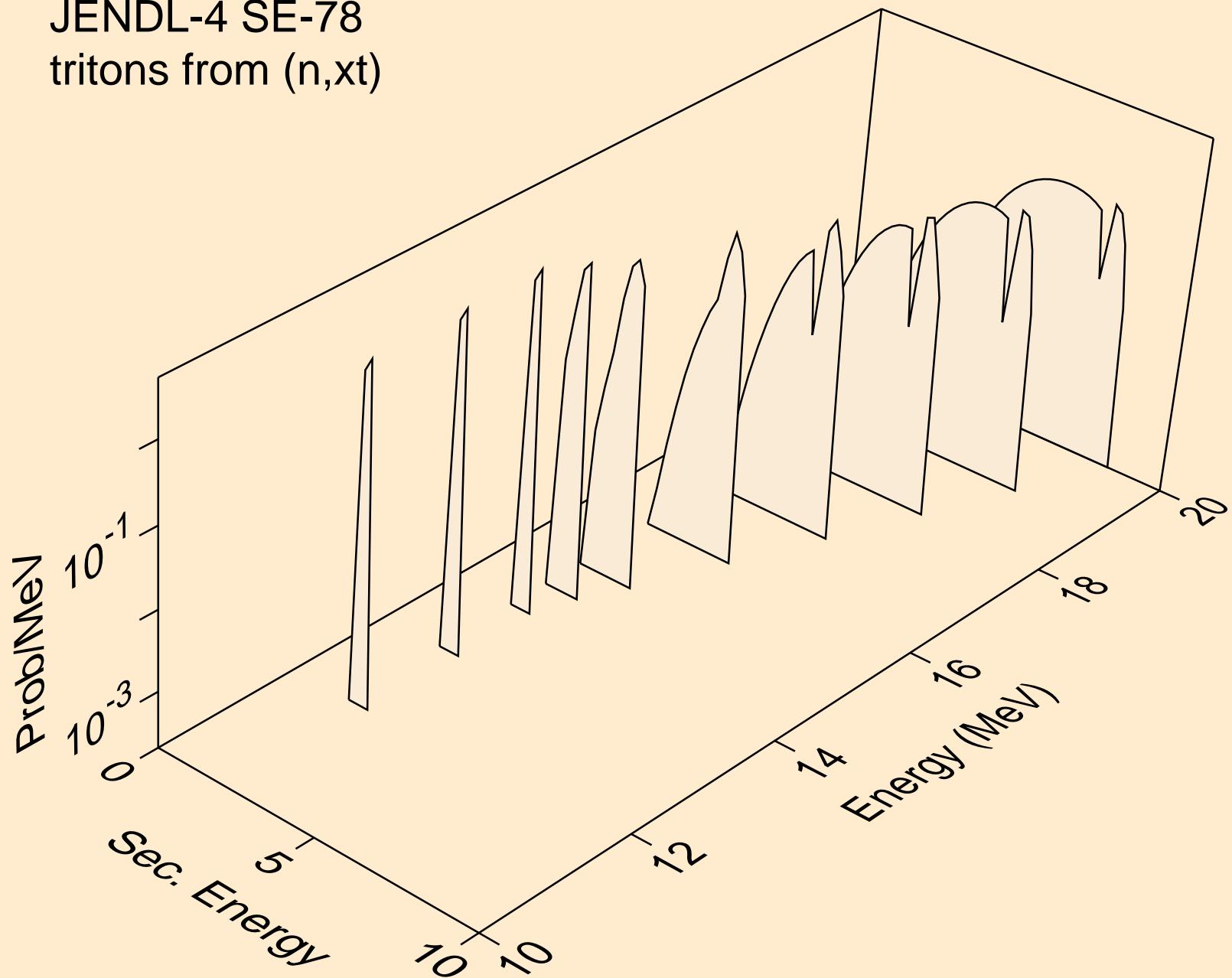
JENDL-4 SE-78  
protons from ( $n, xp$ )



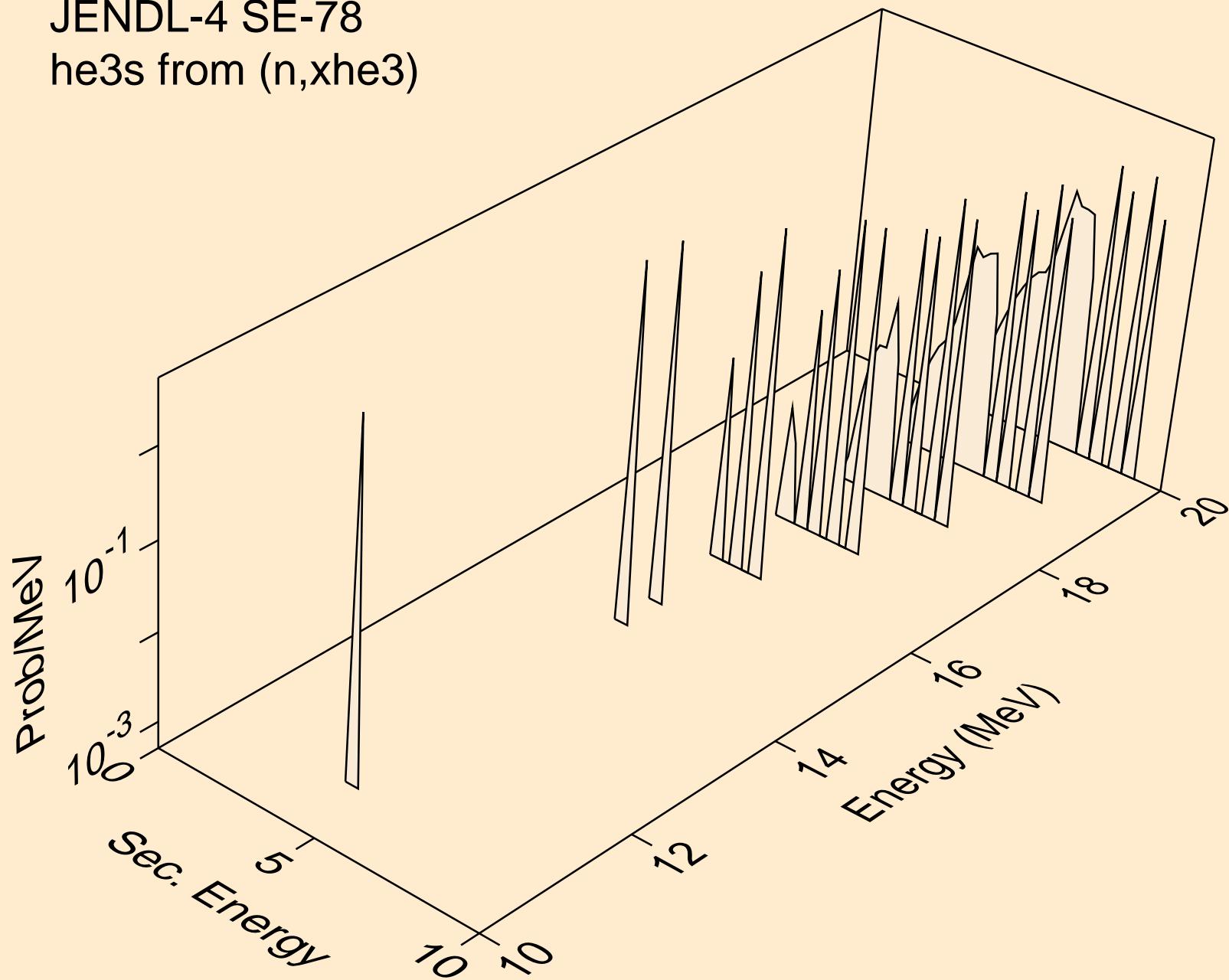
JENDL-4 SE-78  
deuterons from ( $n, xd$ )



JENDL-4 SE-78  
tritons from ( $n,xt$ )



JENDL-4 SE-78  
he3s from (n,xhe3)



JENDL-4 SE-78  
alphas from (n,xa)

